

Program EVALPLOT  
(Version 2021-1)

by

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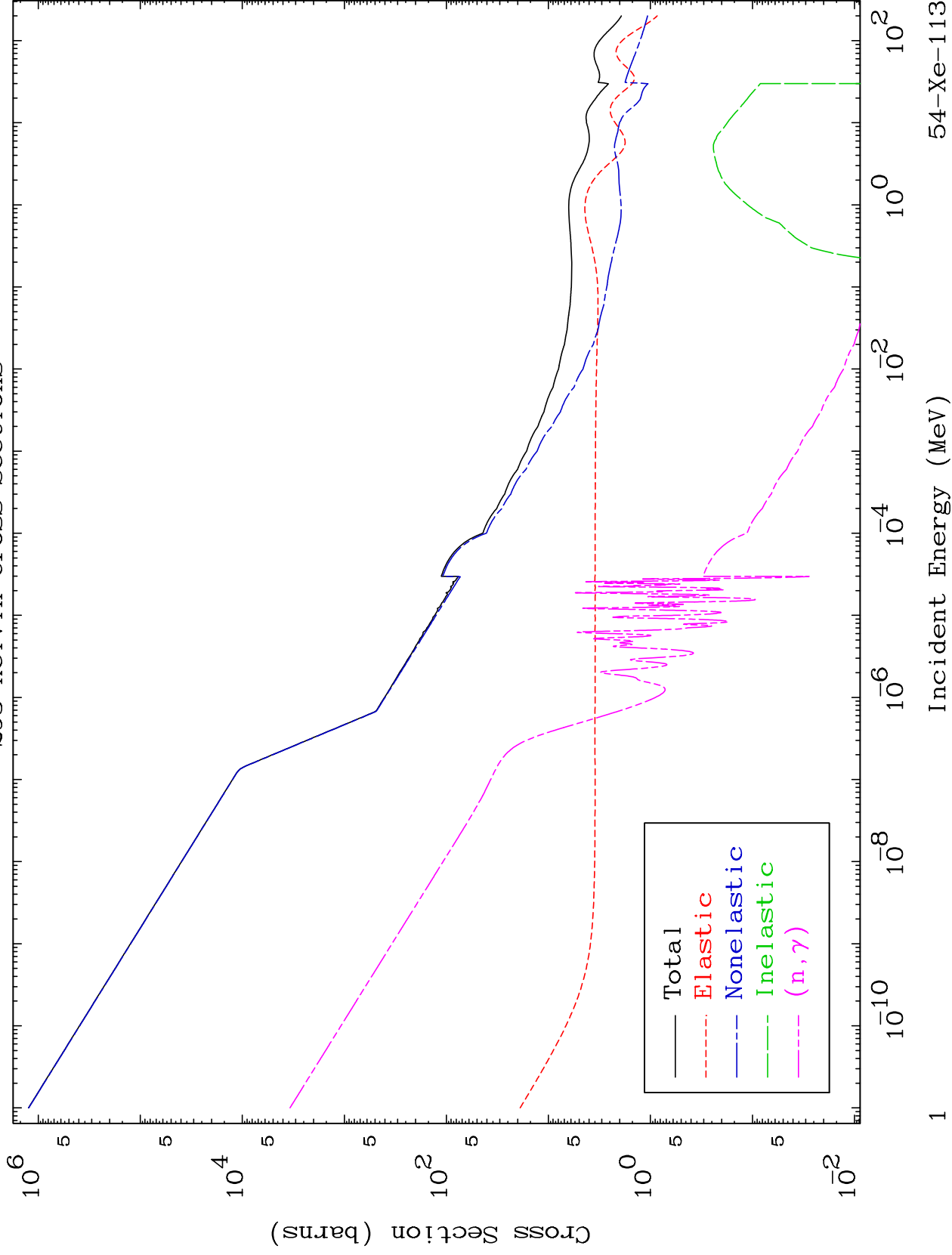
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Press Mouse Button to Start

MAT 5392

Neutron Major  
293 Kelvin Cross Sections

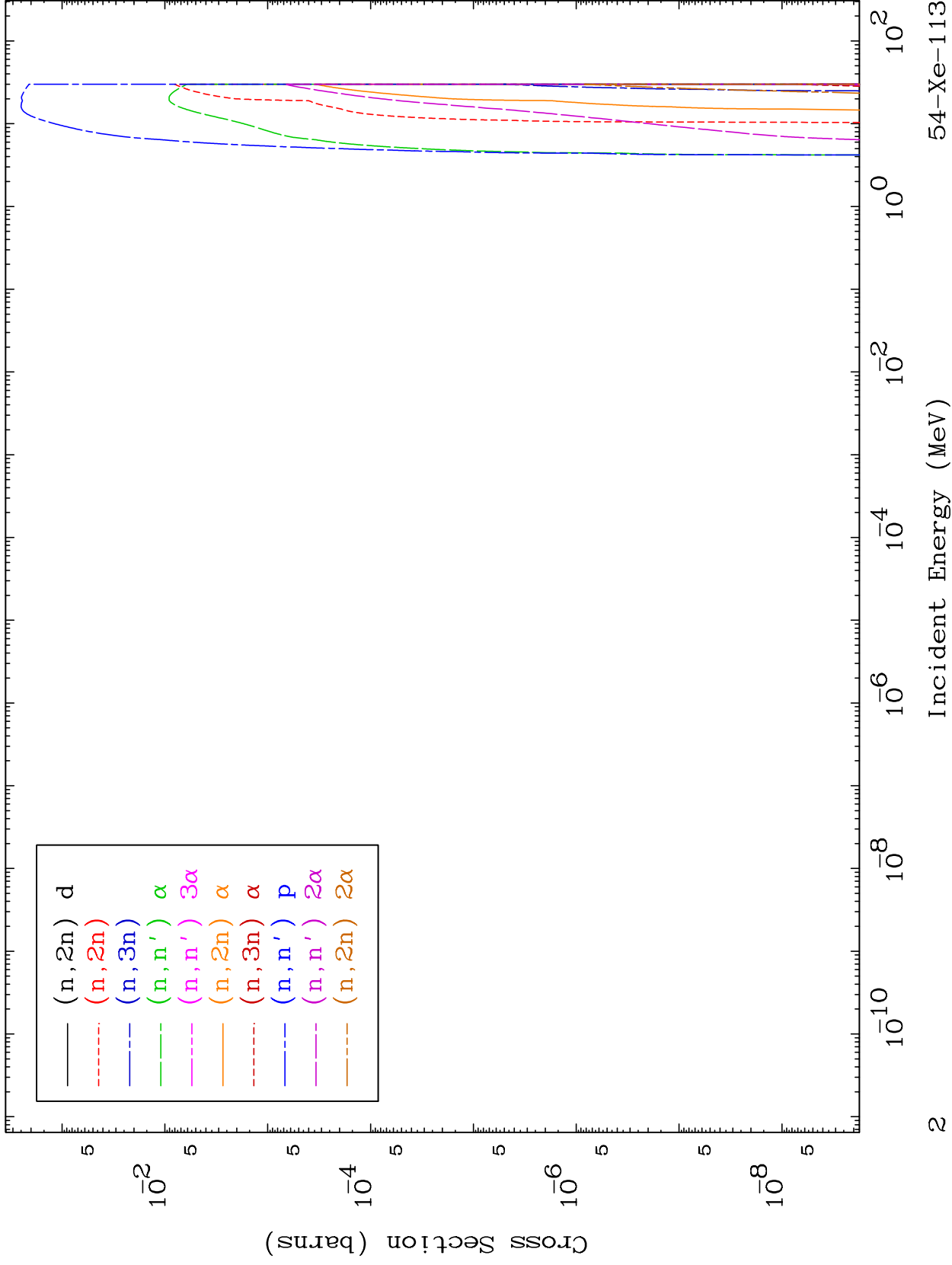
54-Xe-113

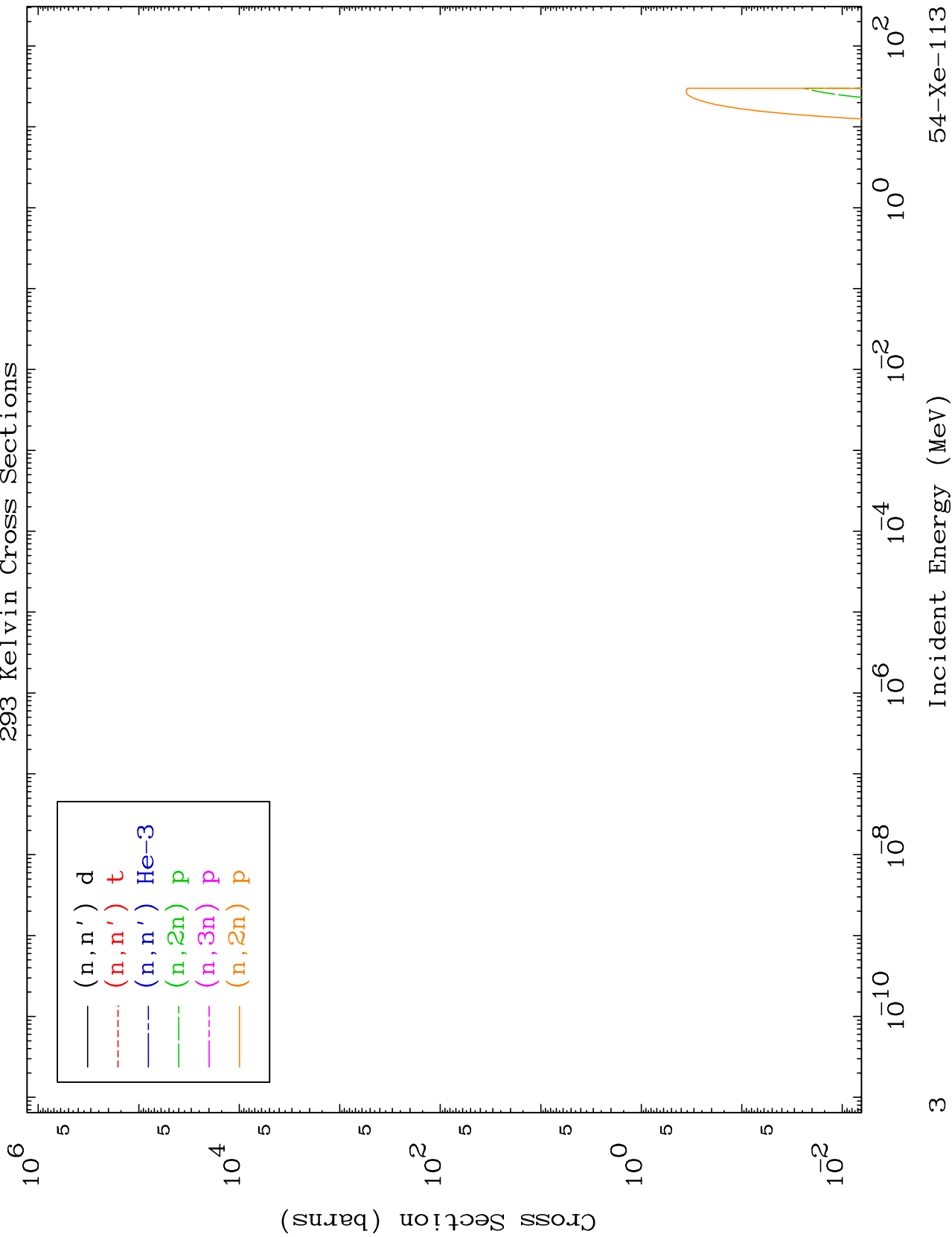


MAT 5392

Neutron Absorption  
293 Kelvin Cross Sections

54-Xe-113

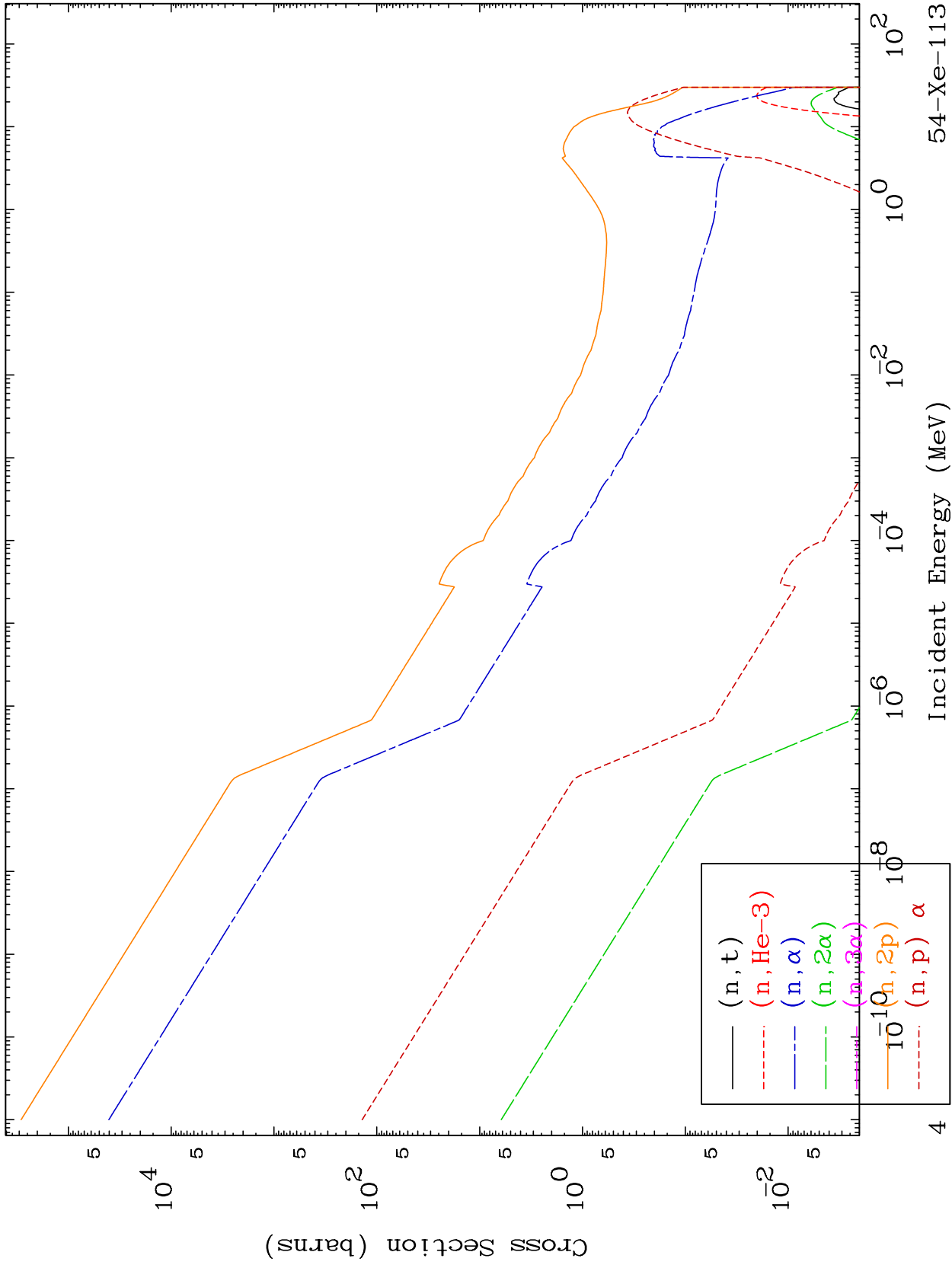




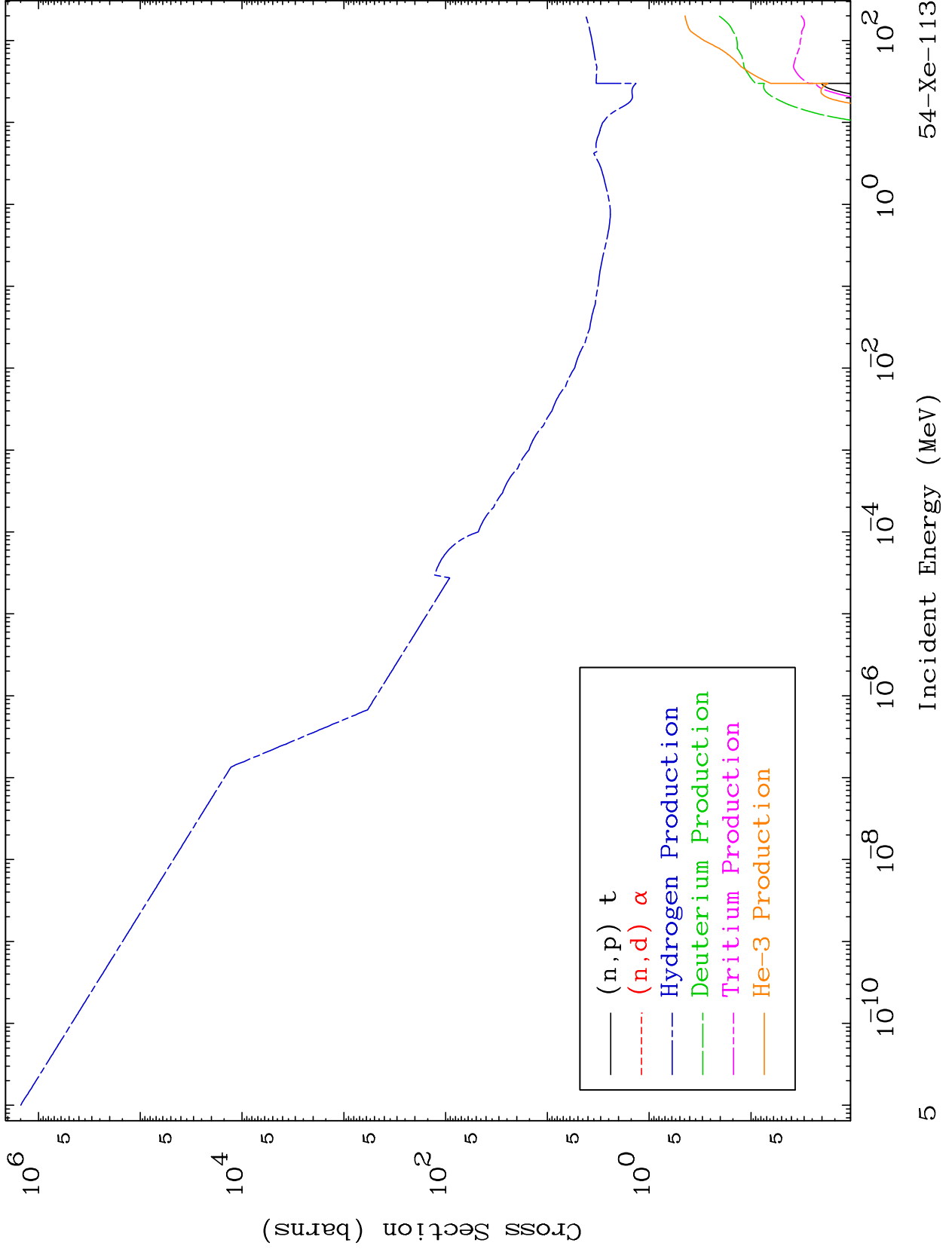
MAT 5392

Neutron Absorption  
293 Kelvin Cross Sections

54-Xe-113



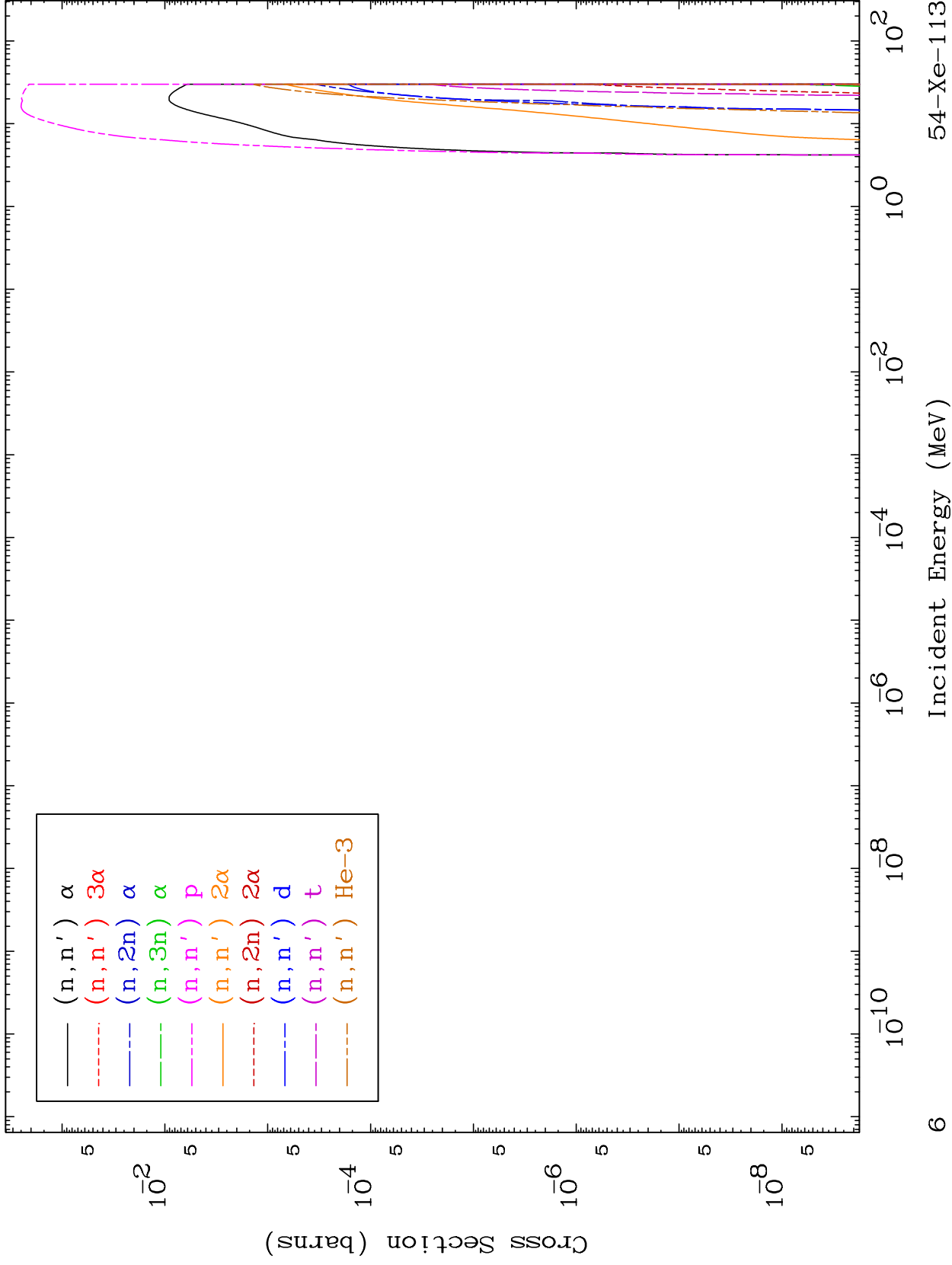
4



MAT 5392

Charged Particle  
293 Kelvin Cross Sections

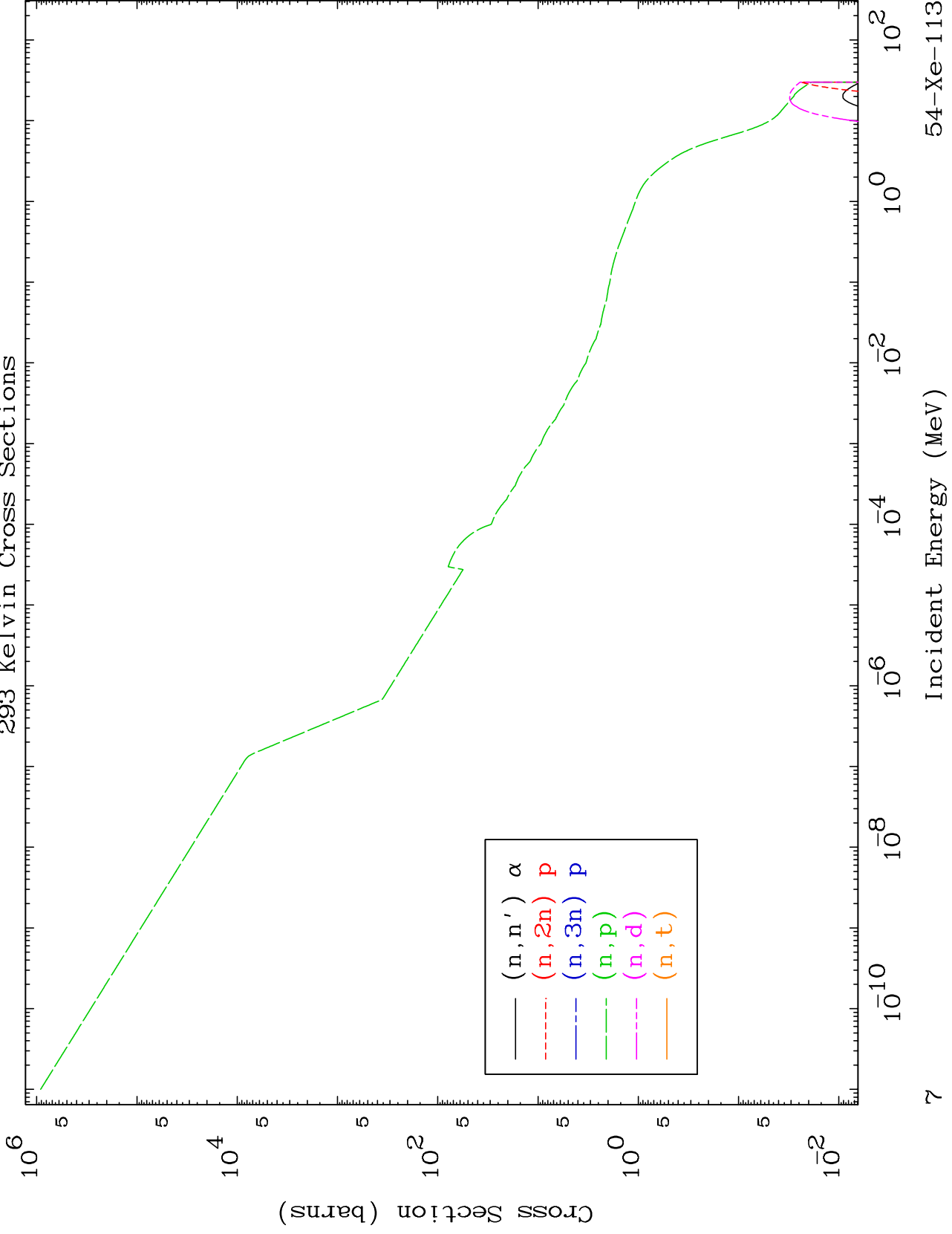
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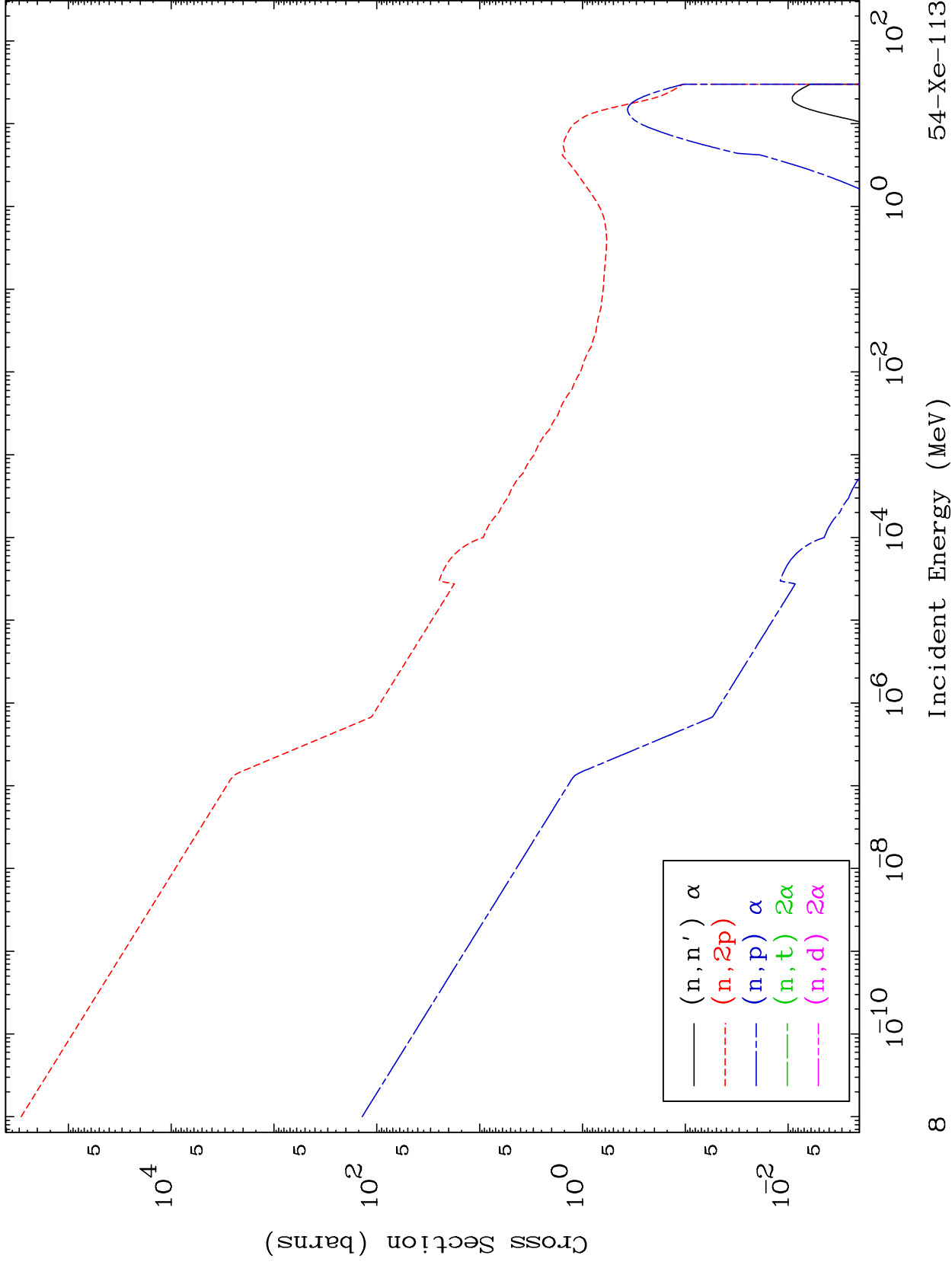
MAT 5392

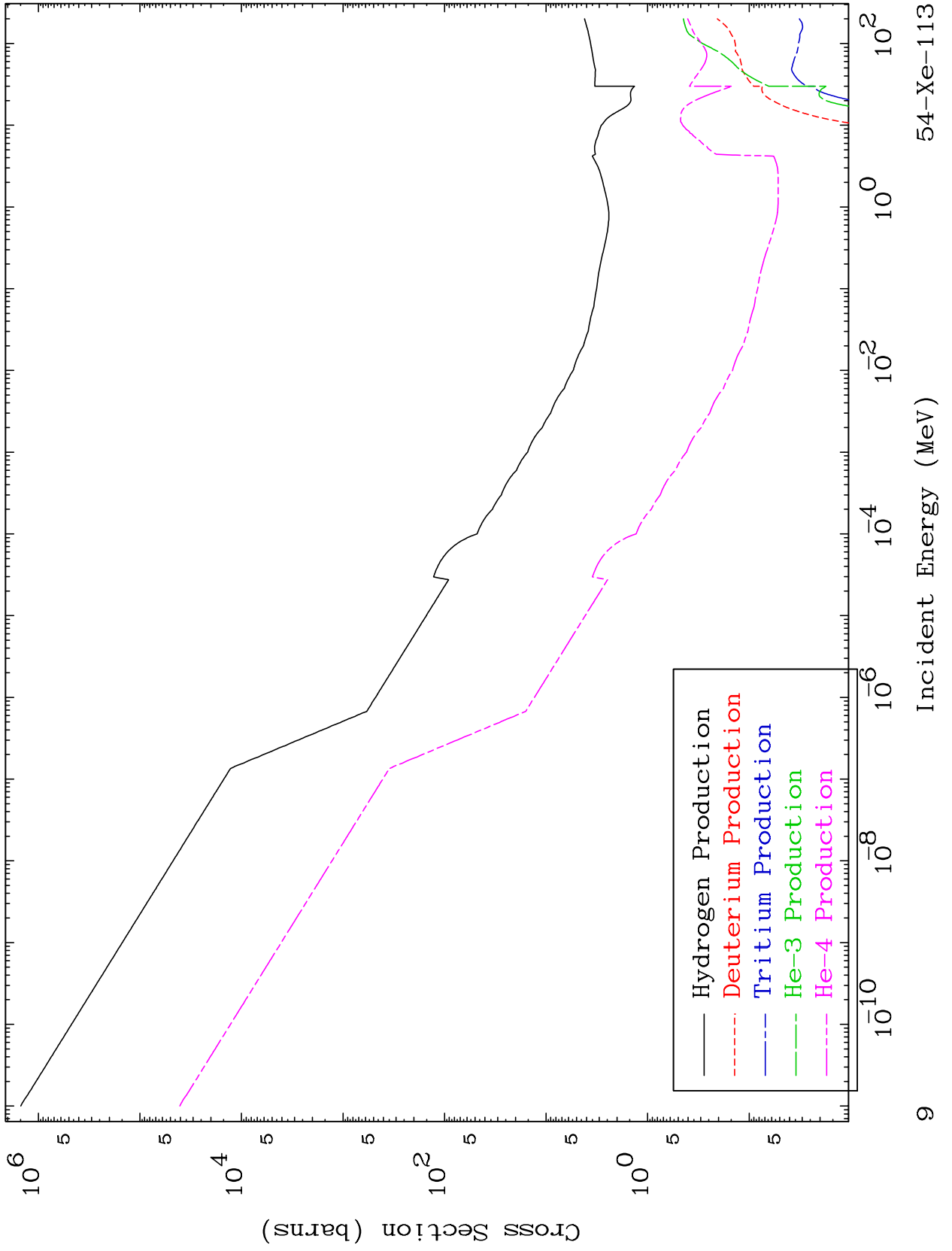
Charged Particle  
293 Kelvin Cross Sections

54-Xe-113







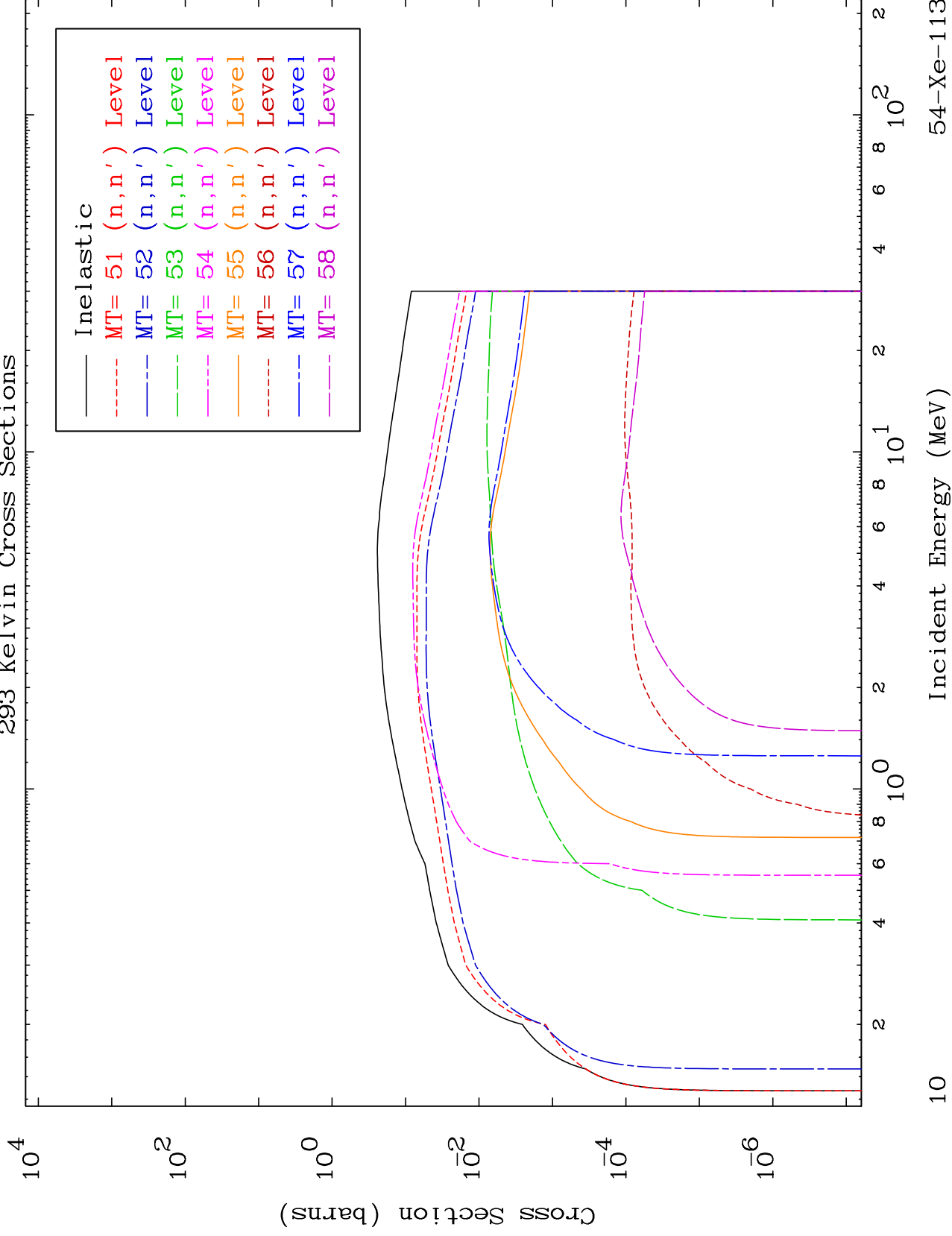


MAT 5392

(n,n') Levels

54-Xe-113

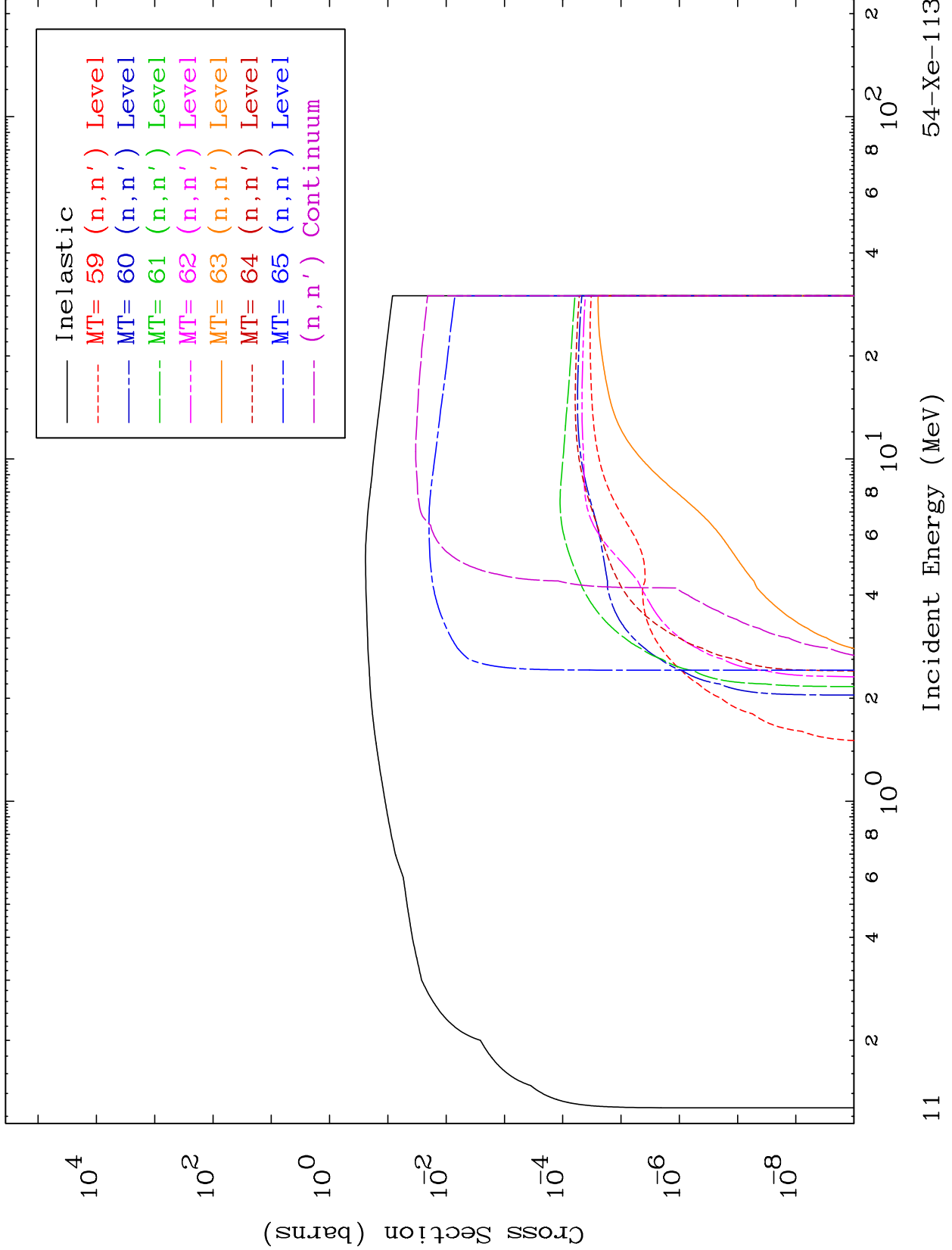
293 Kelvin Cross Sections



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Incident Energy (MeV)

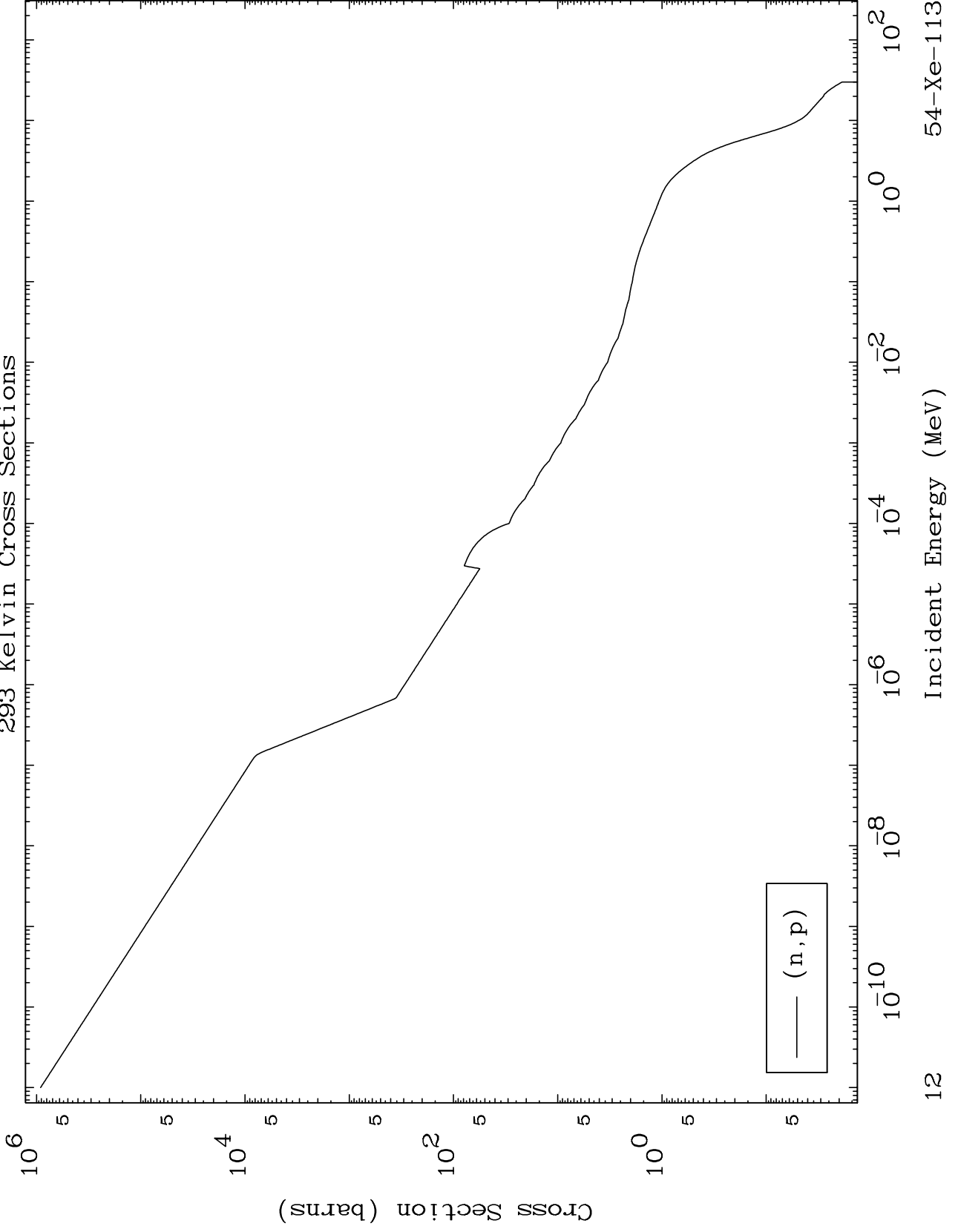
54-Xe-113



MAT 5392

(n,p) Levels  
293 Kelvin Cross Sections

54-Xe-113

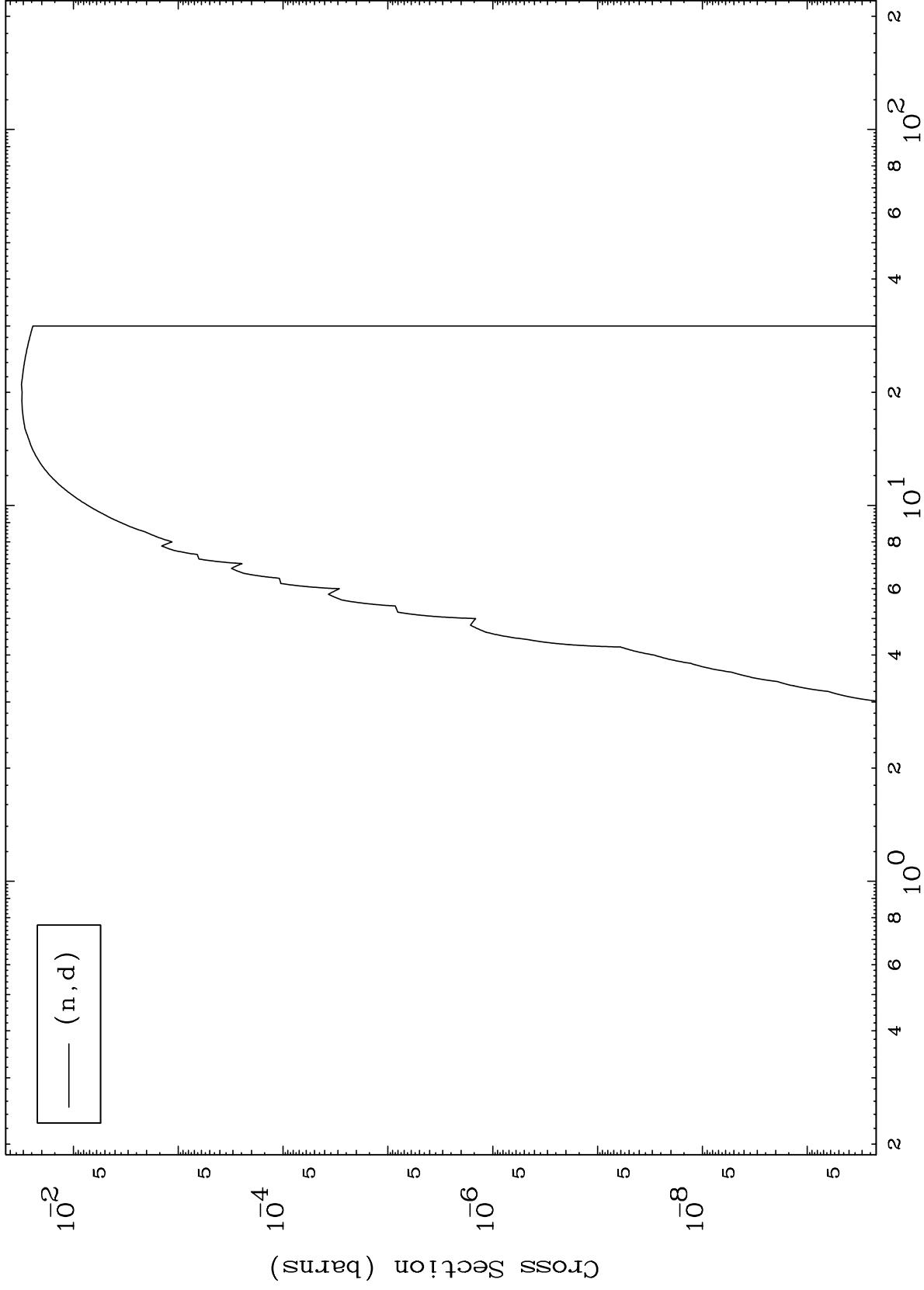


12

MAT 5392

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-113



13

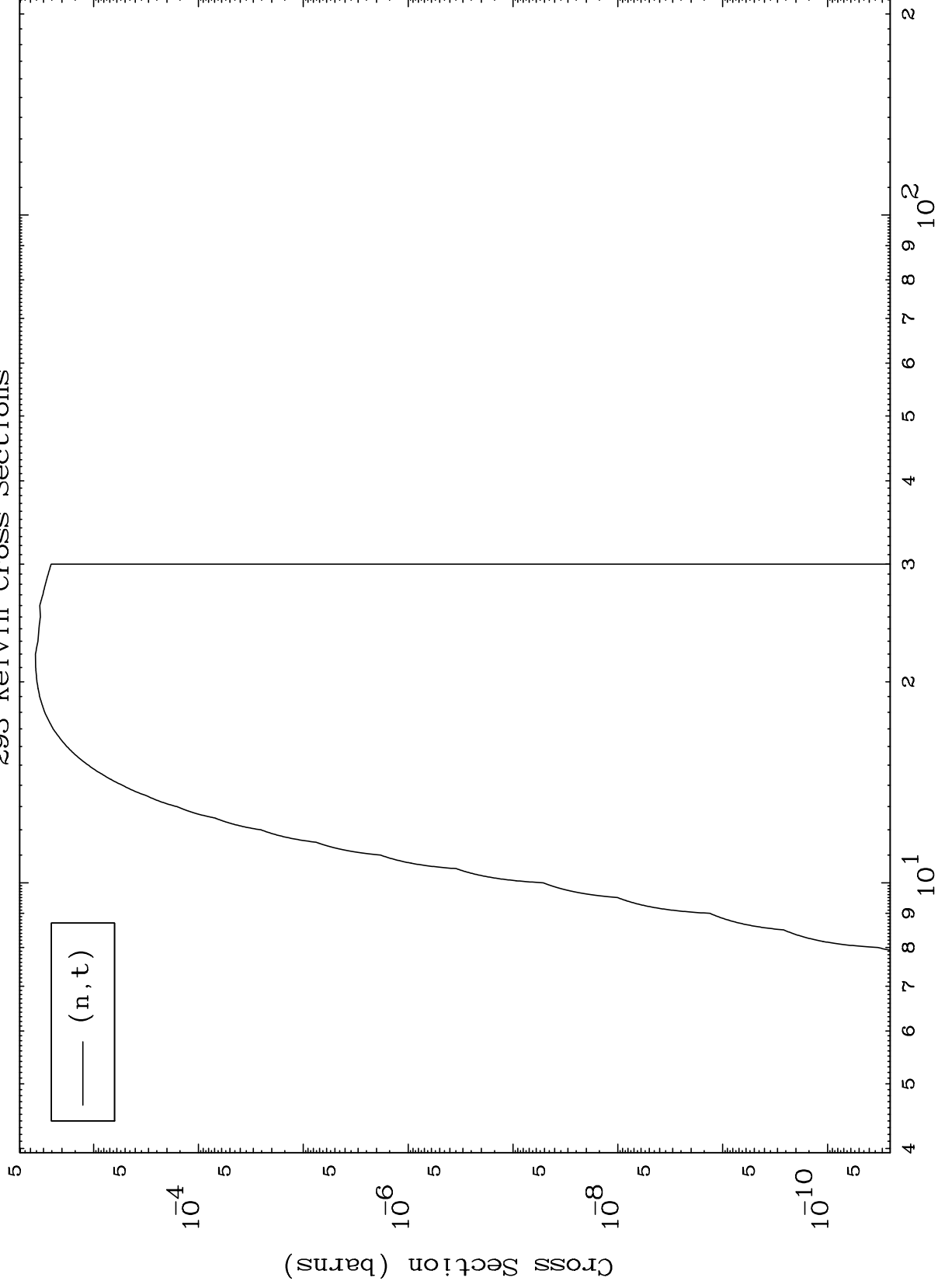
Incident Energy (MeV)

54-Xe-113

MAT 5392

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-113



14

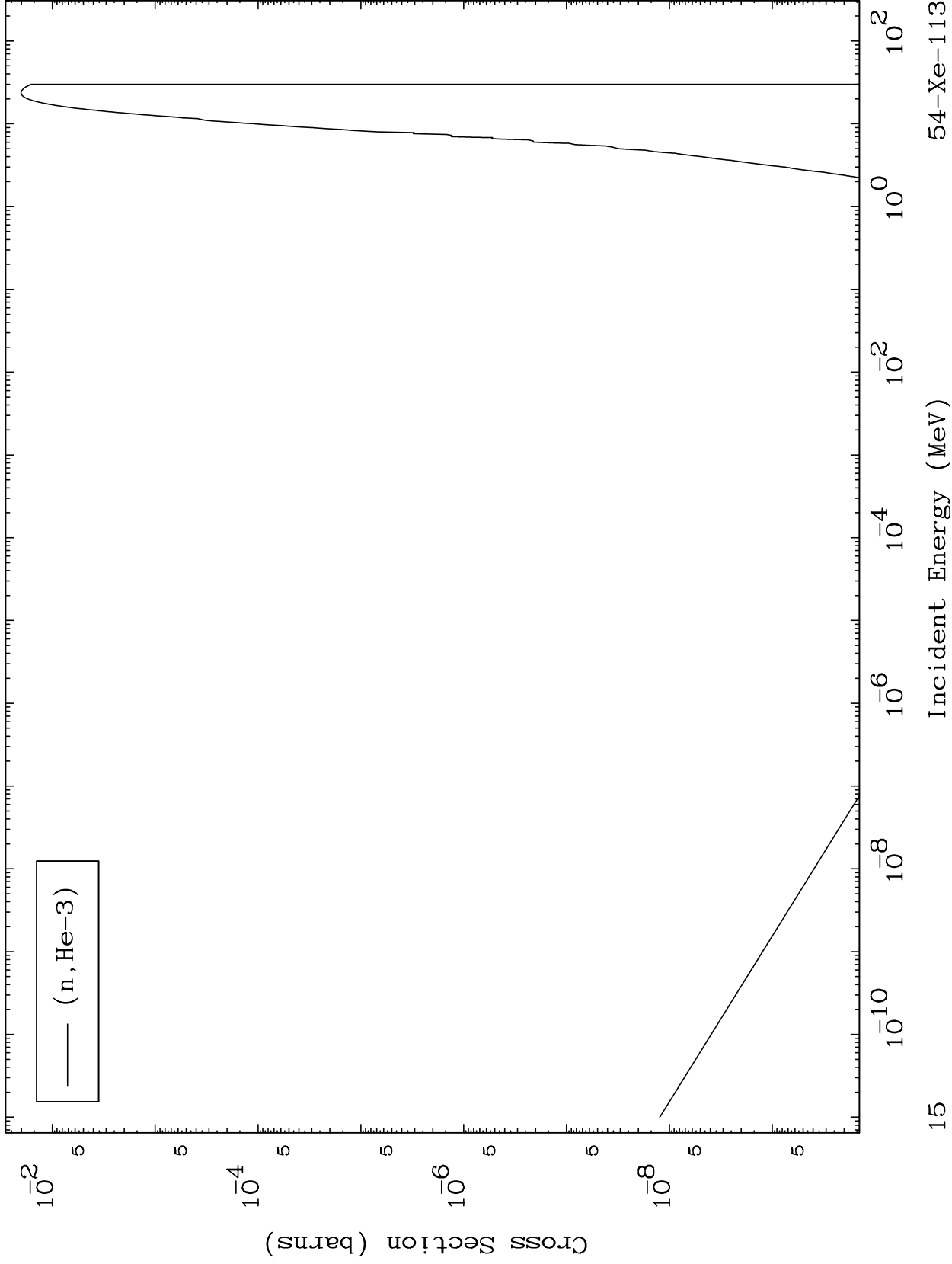
Incident Energy (MeV)

54-Xe-113

MAT 5392

(n,He3) Levels  
293 Kelvin Cross Sections

54-Xe-113



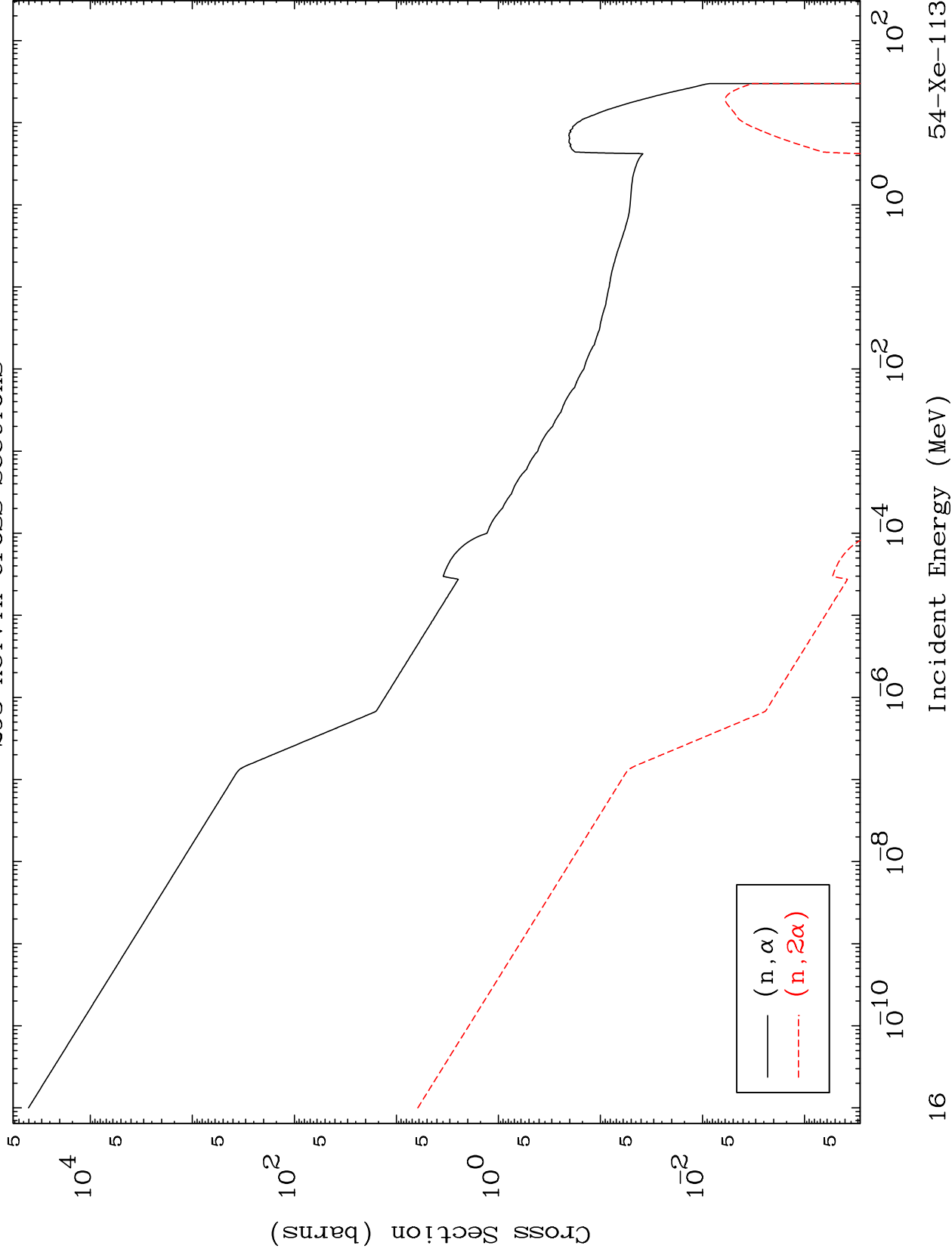
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MAT 5392

(n,α) Levels  
293 Kelvin Cross Sections

54-Xe-113



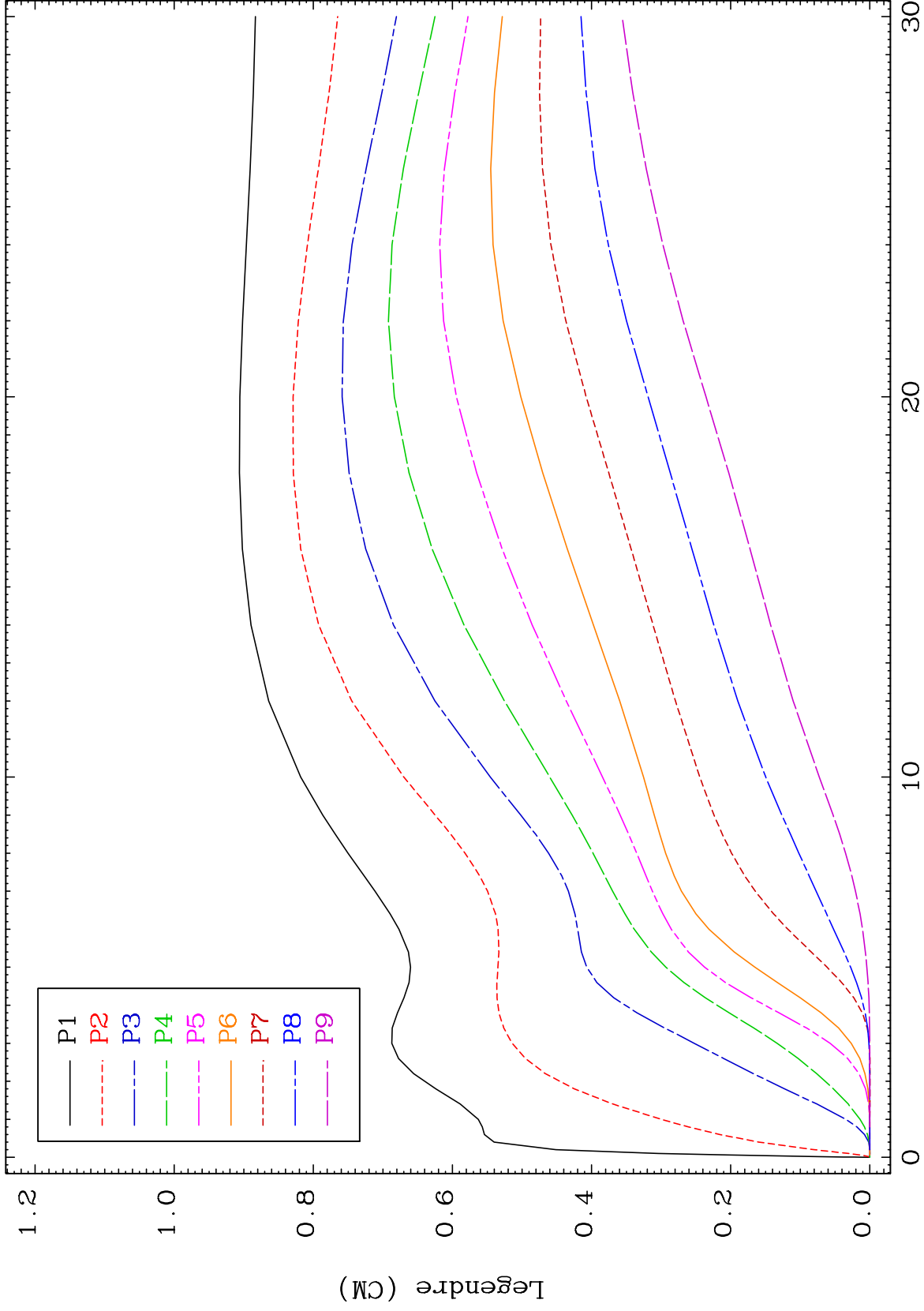
16

54-Xe-113

MAT 5392

Elastic Legendre Coefficients

54-Xe-113



17

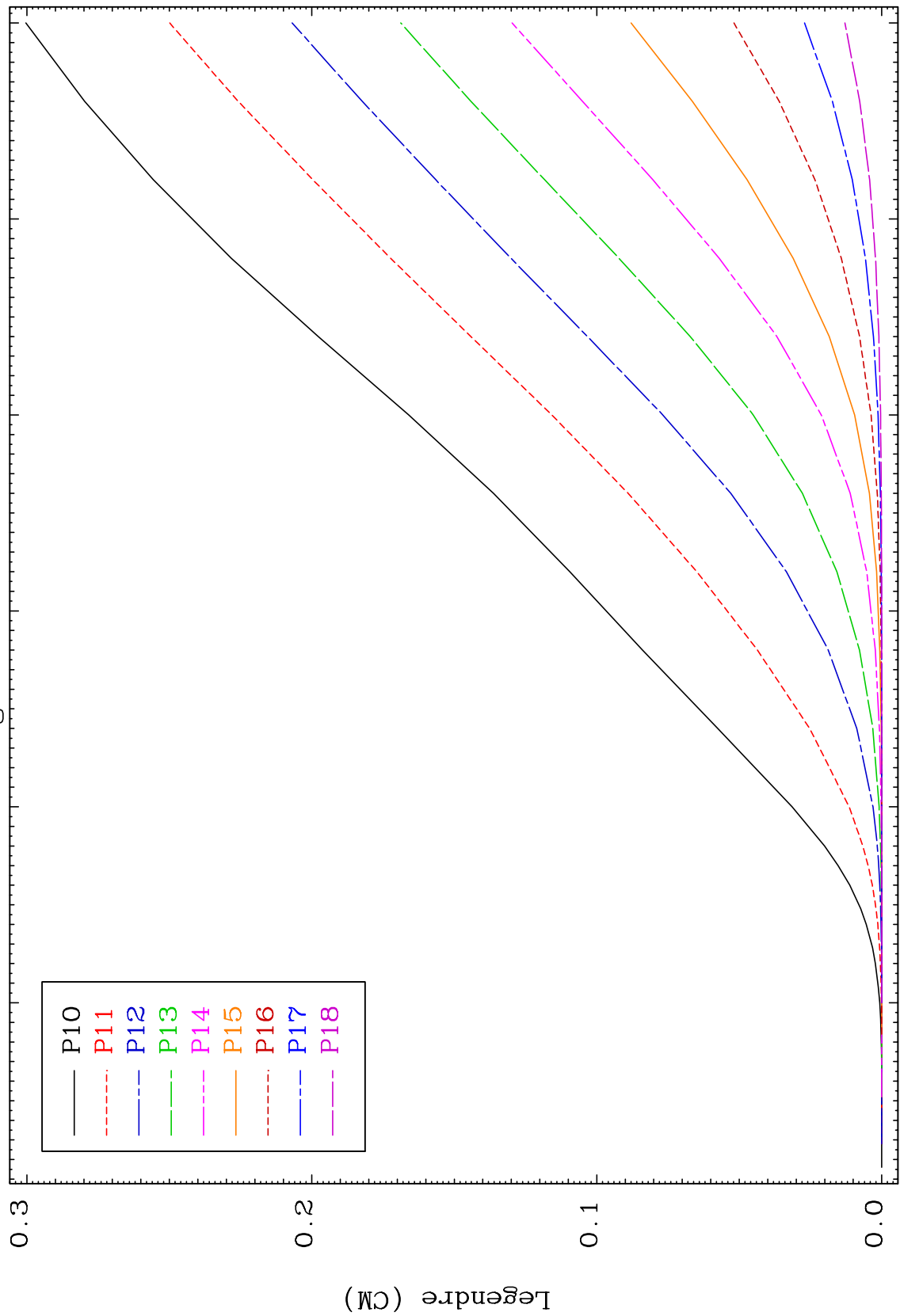
Incident Energy (MeV)

54-Xe-113

MAT 5392

Elastic Legendre Coefficients

54-Xe-113



18

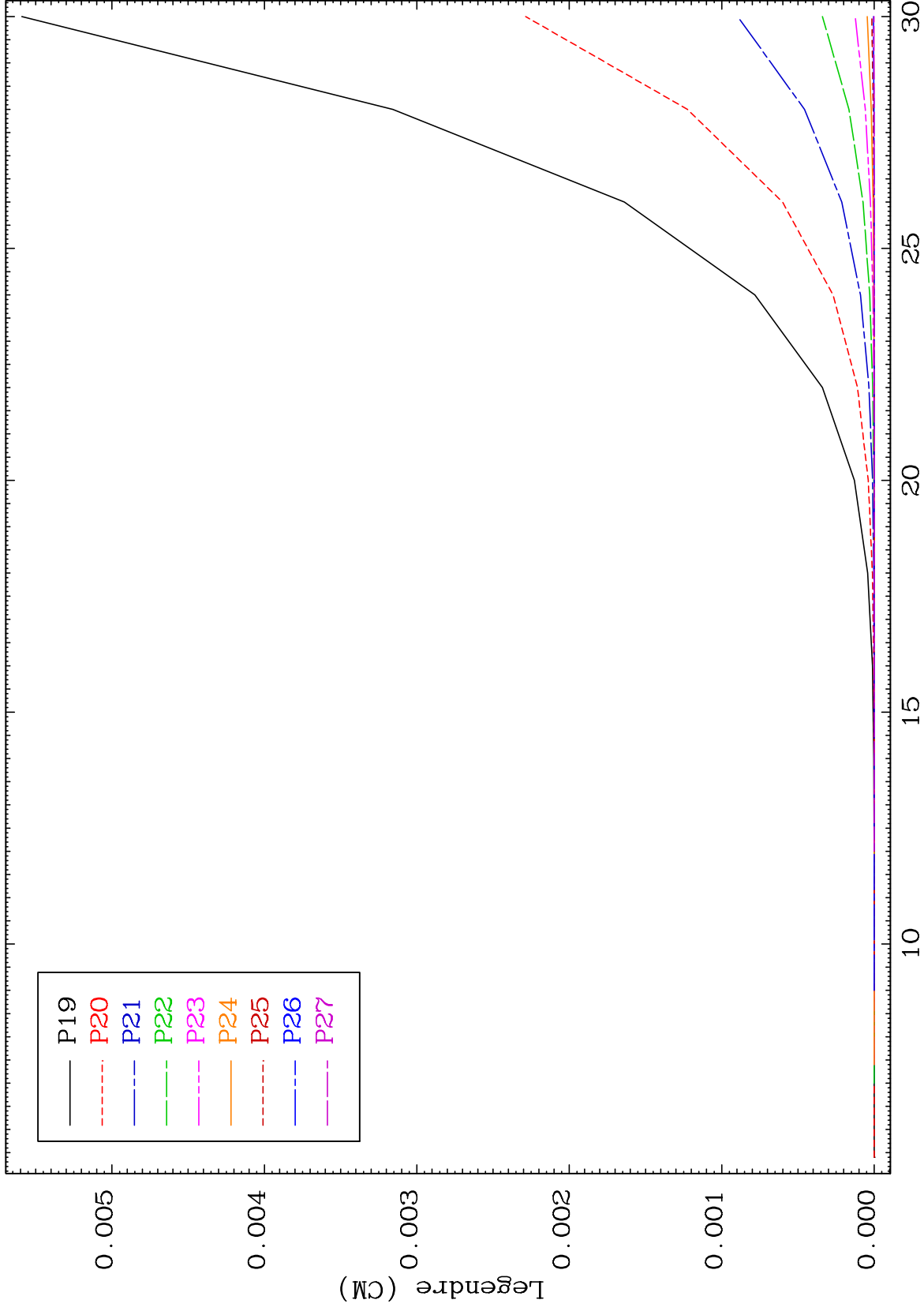
Incident Energy (MeV)

54-Xe-113

MAT 5392

Elastic Legendre Coefficients

54-Xe-113



19

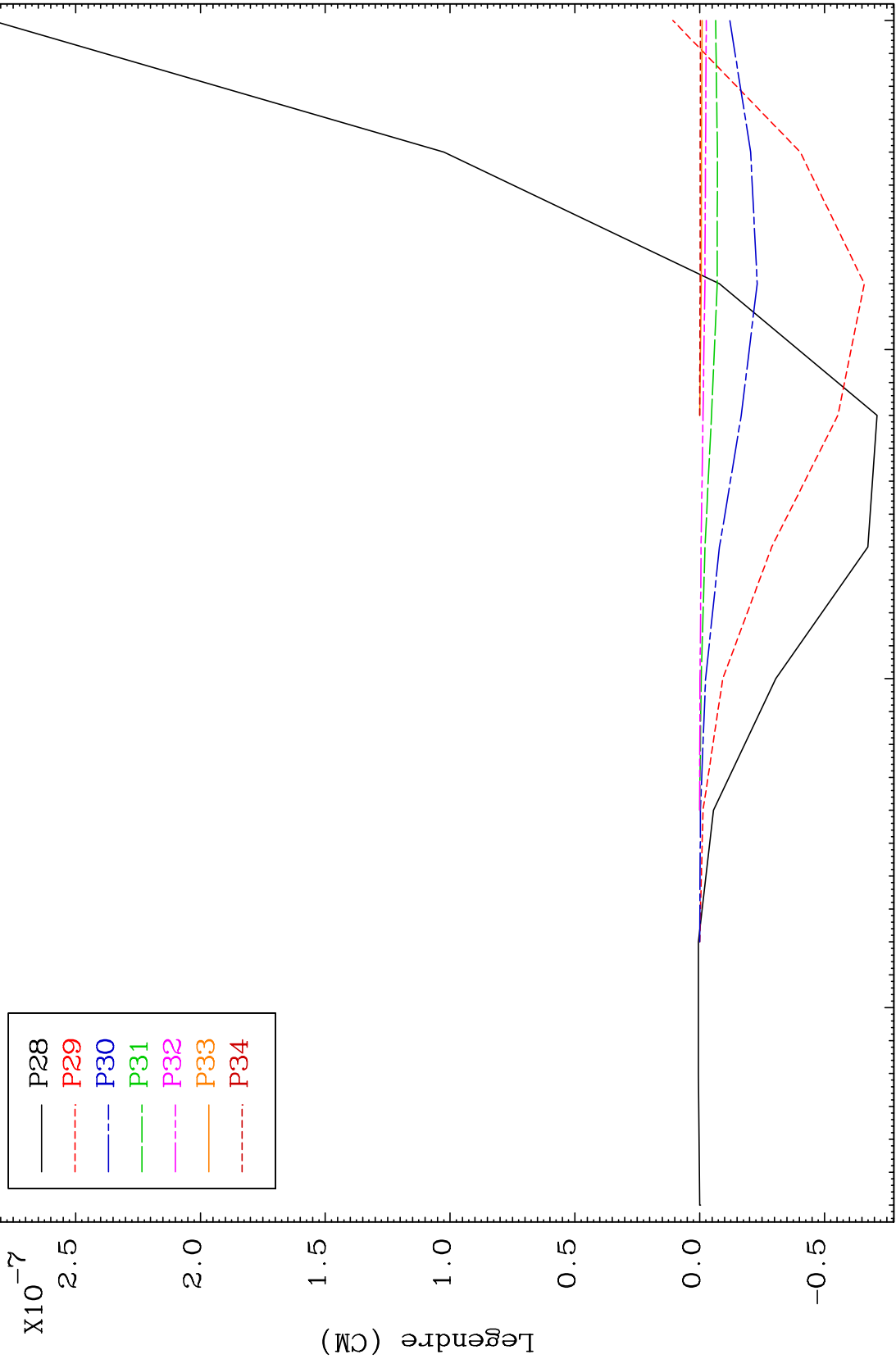
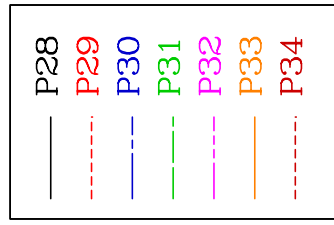
Incident Energy (MeV)

54-Xe-113

MAT 5392

Elastic Legendre Coefficients

54-Xe-113



20

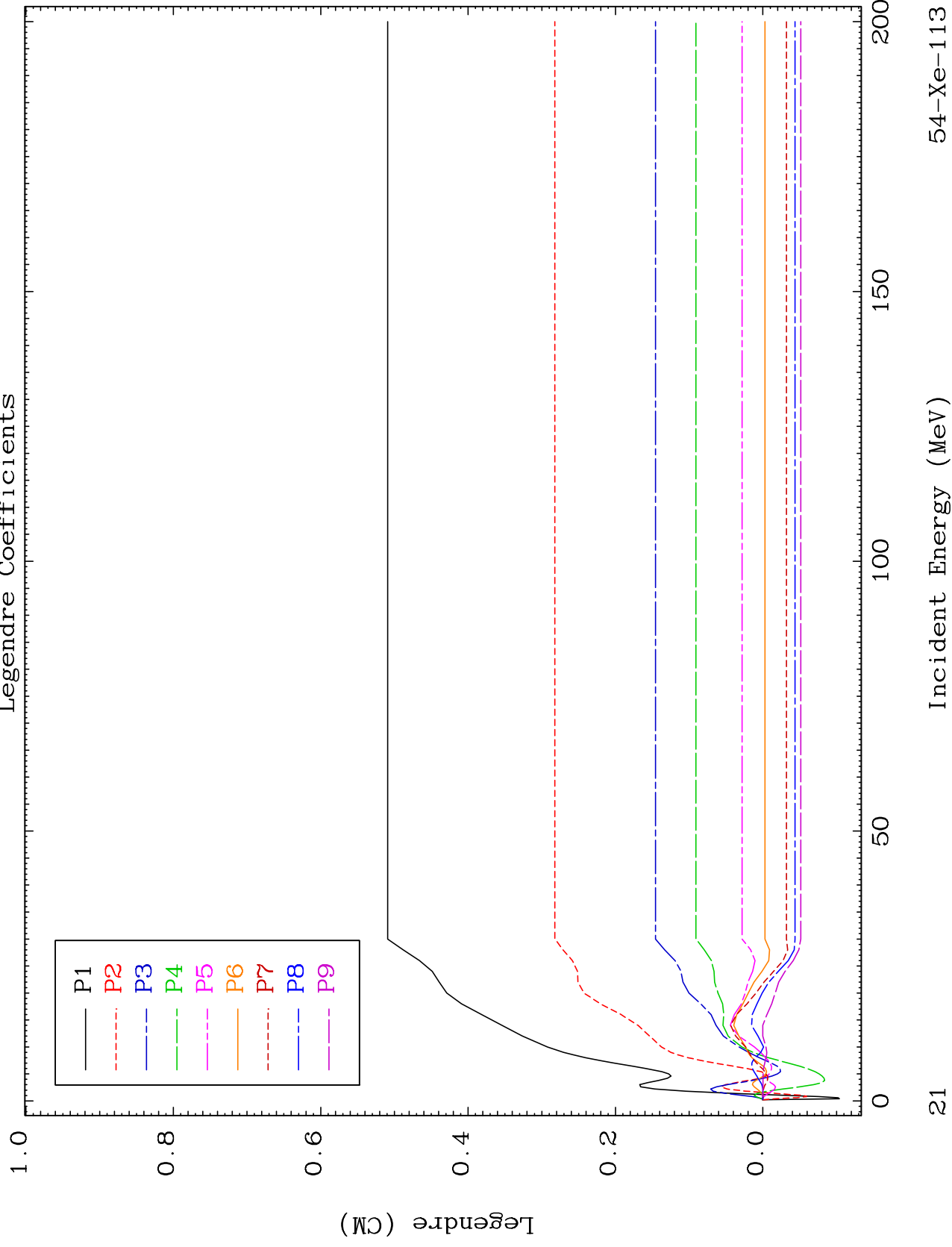
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 51 (n,n') Level  
Legendre Coefficients

54-Xe-113



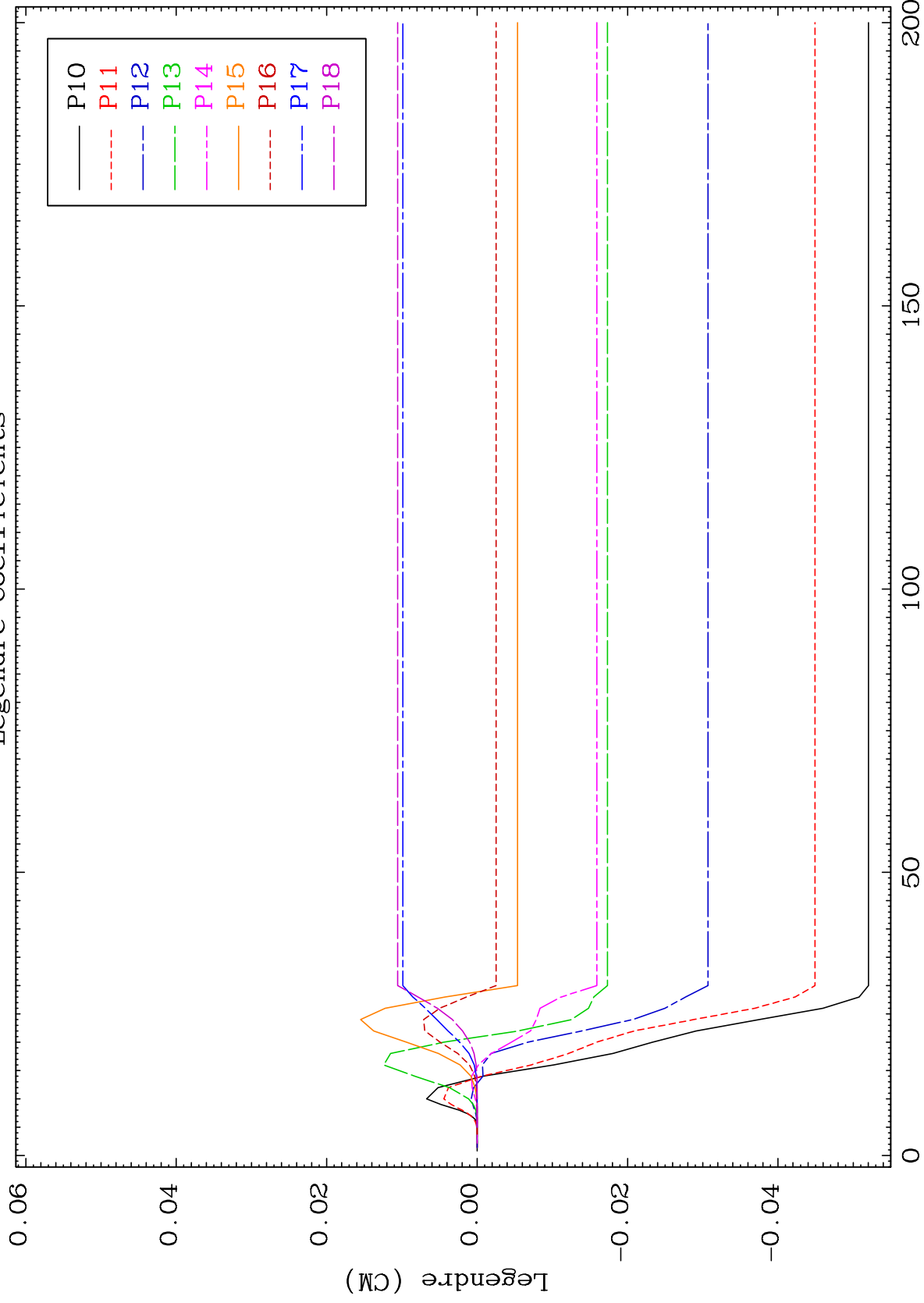
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54-Xe-113

MAT 5392

MT= 51 (n,n') Level  
Legendre Coefficients

54-Xe-113



22

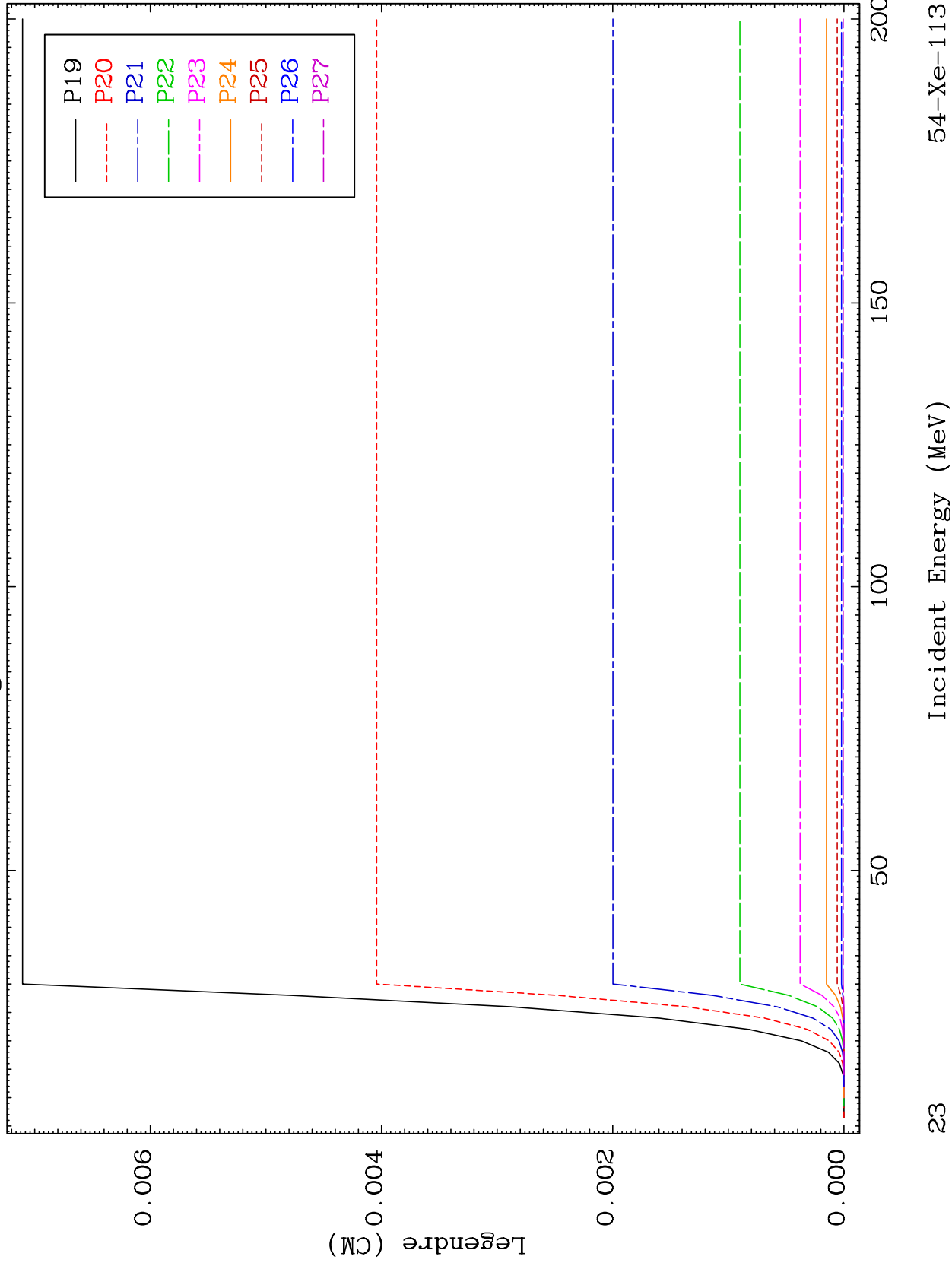
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 51 (n,n') Level  
Legendre Coefficients

54-Xe-113



23

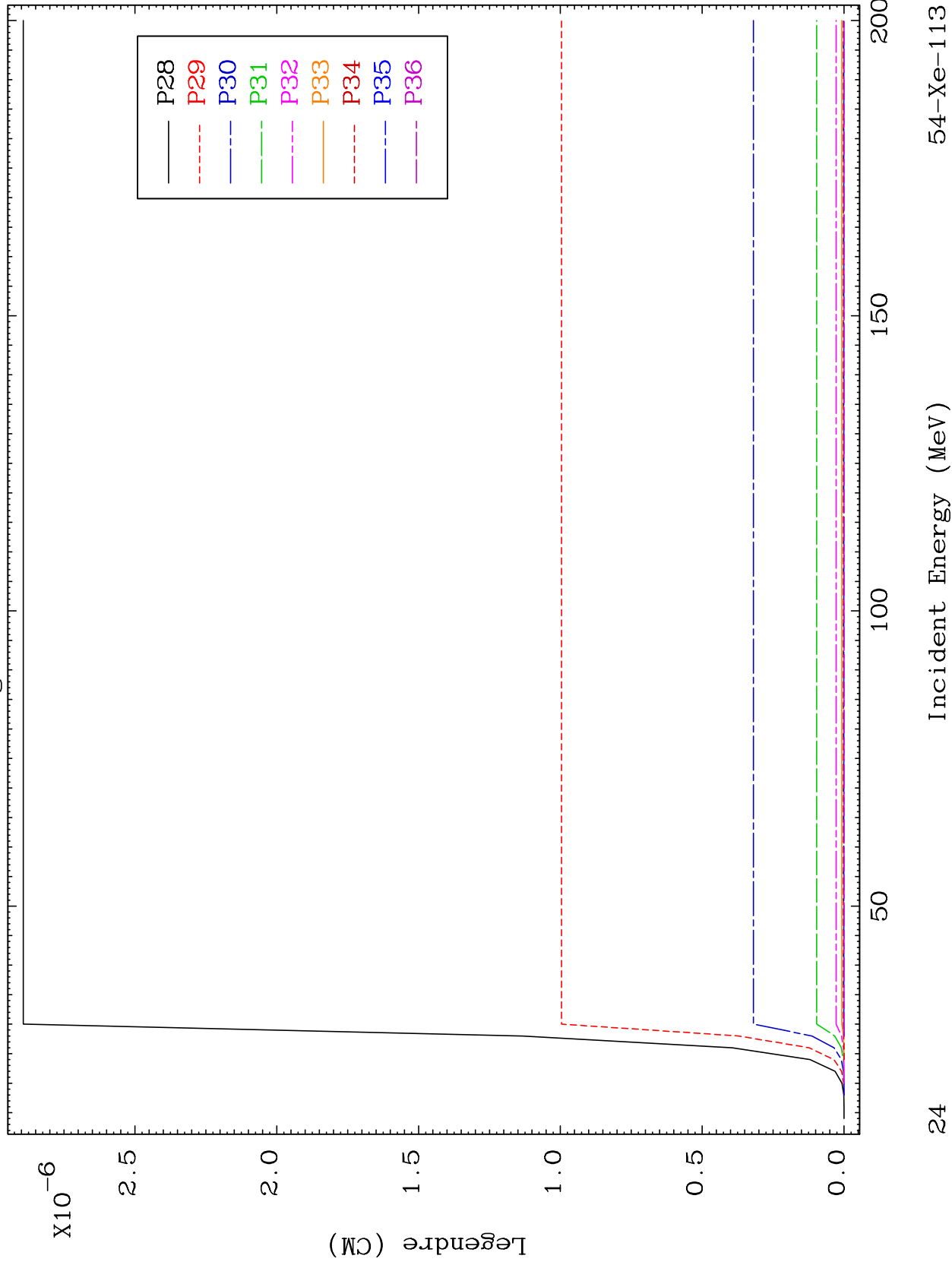
54-Xe-113



MAT 5392

MT= 51 (n,n') Level  
Legendre Coefficients

54-Xe-113

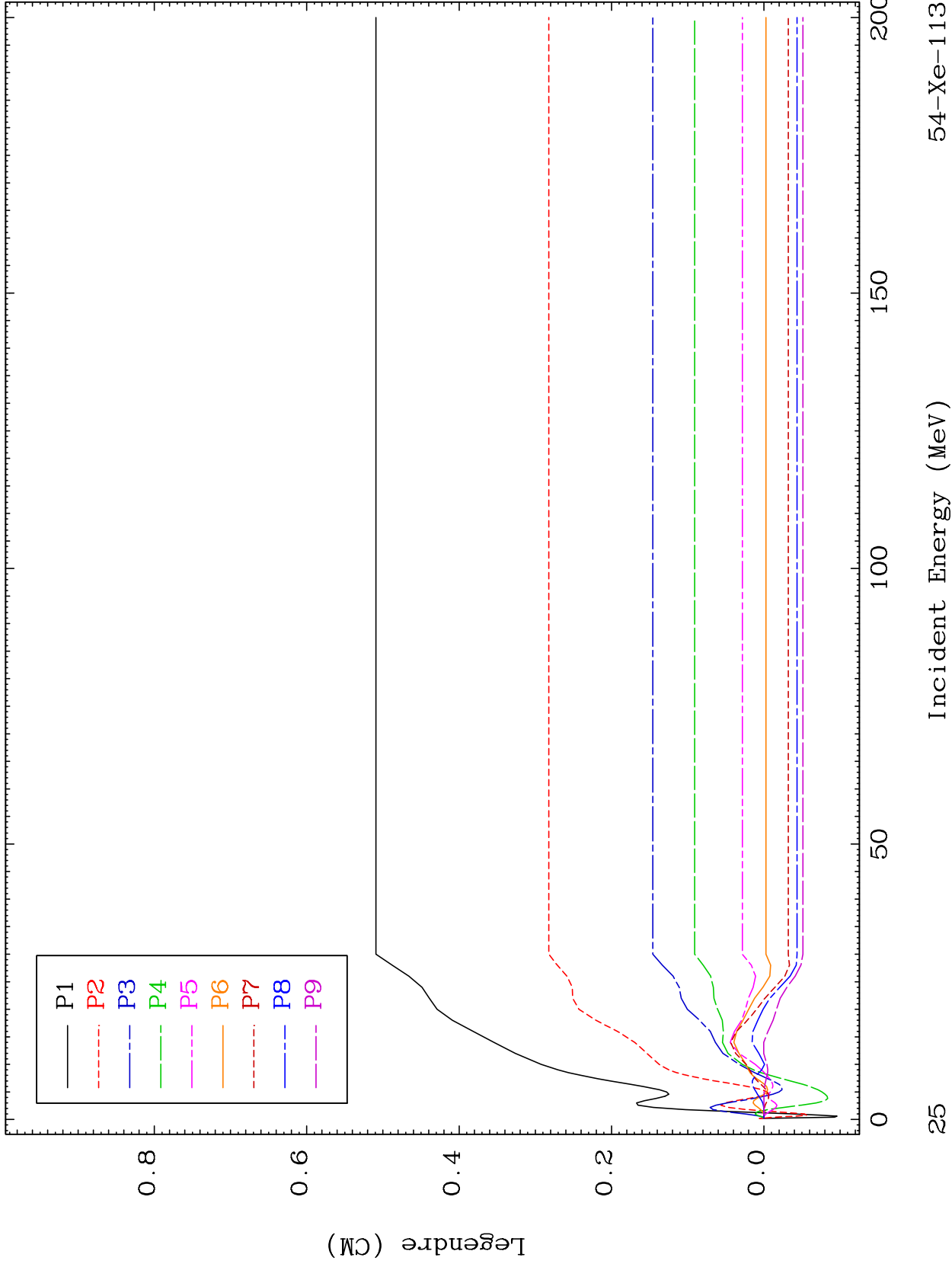


24

MAT 5392

MT= 52 (n,n') Level  
Legendre Coefficients

54-Xe-113



54-Xe-113

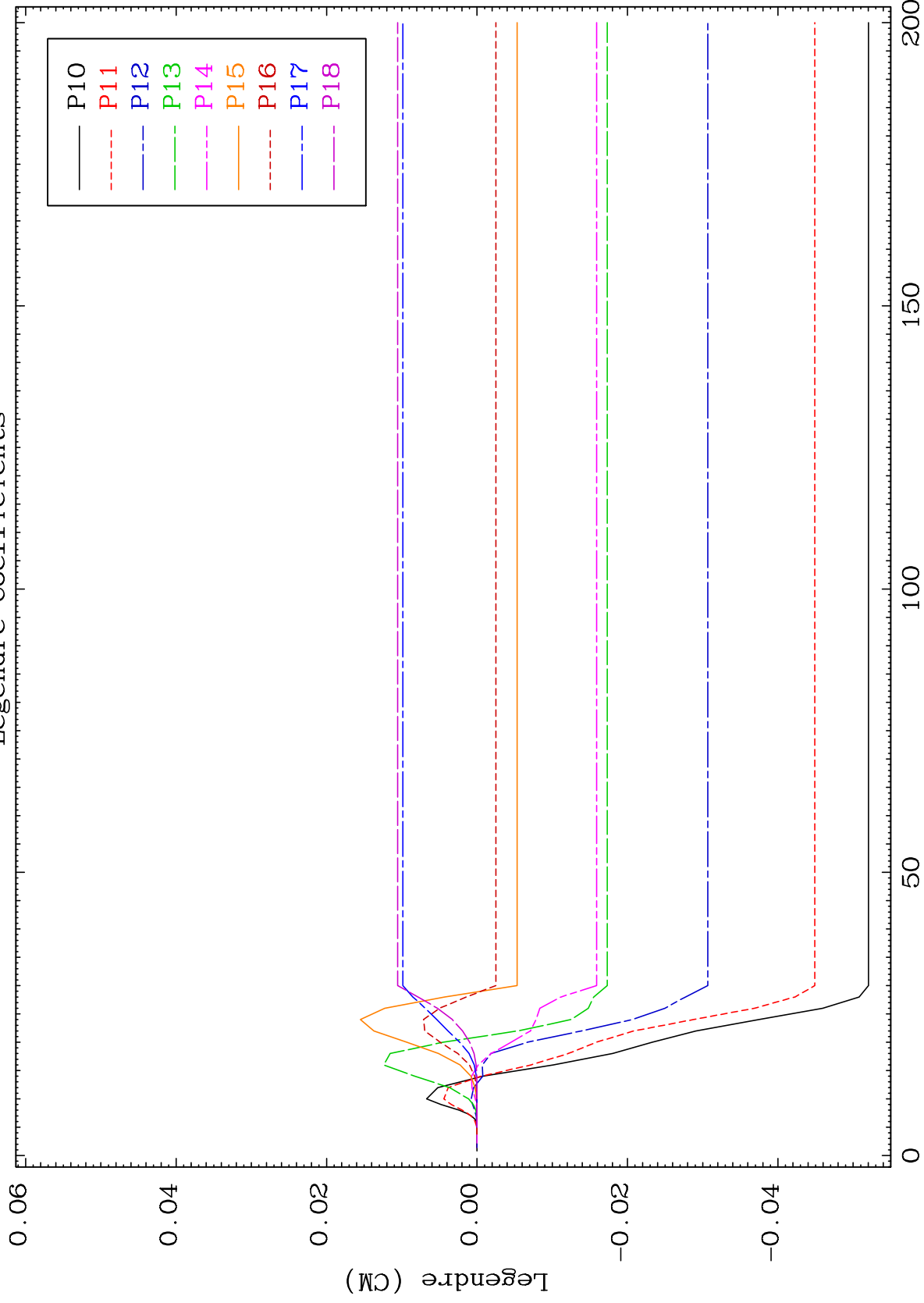
Incident Energy (MeV)

25

MAT 5392

MT= 52 (n,n') Level  
Legendre Coefficients

54-Xe-113



26

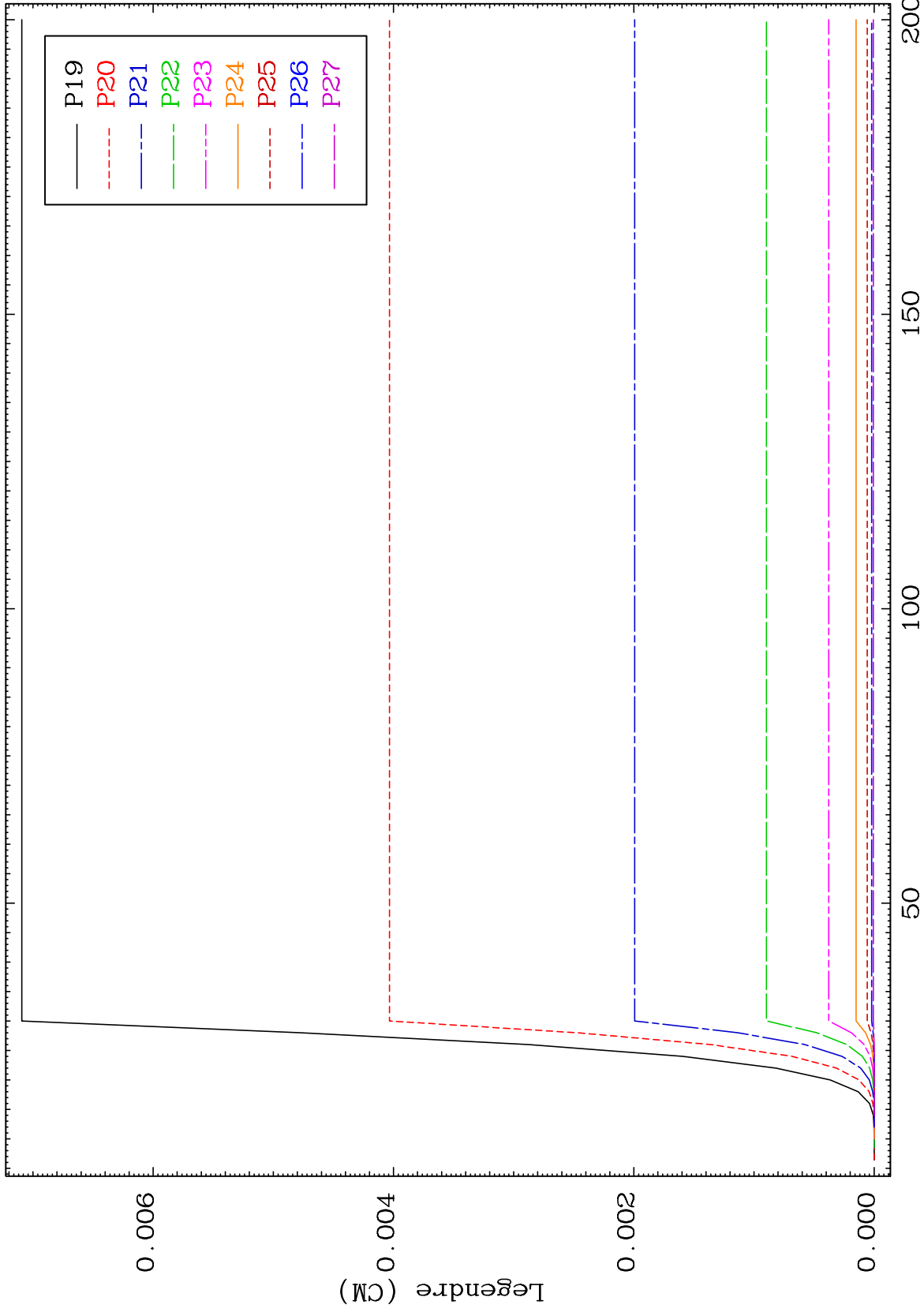
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 52 (n,n') Level  
Legendre Coefficients

54-Xe-113



27

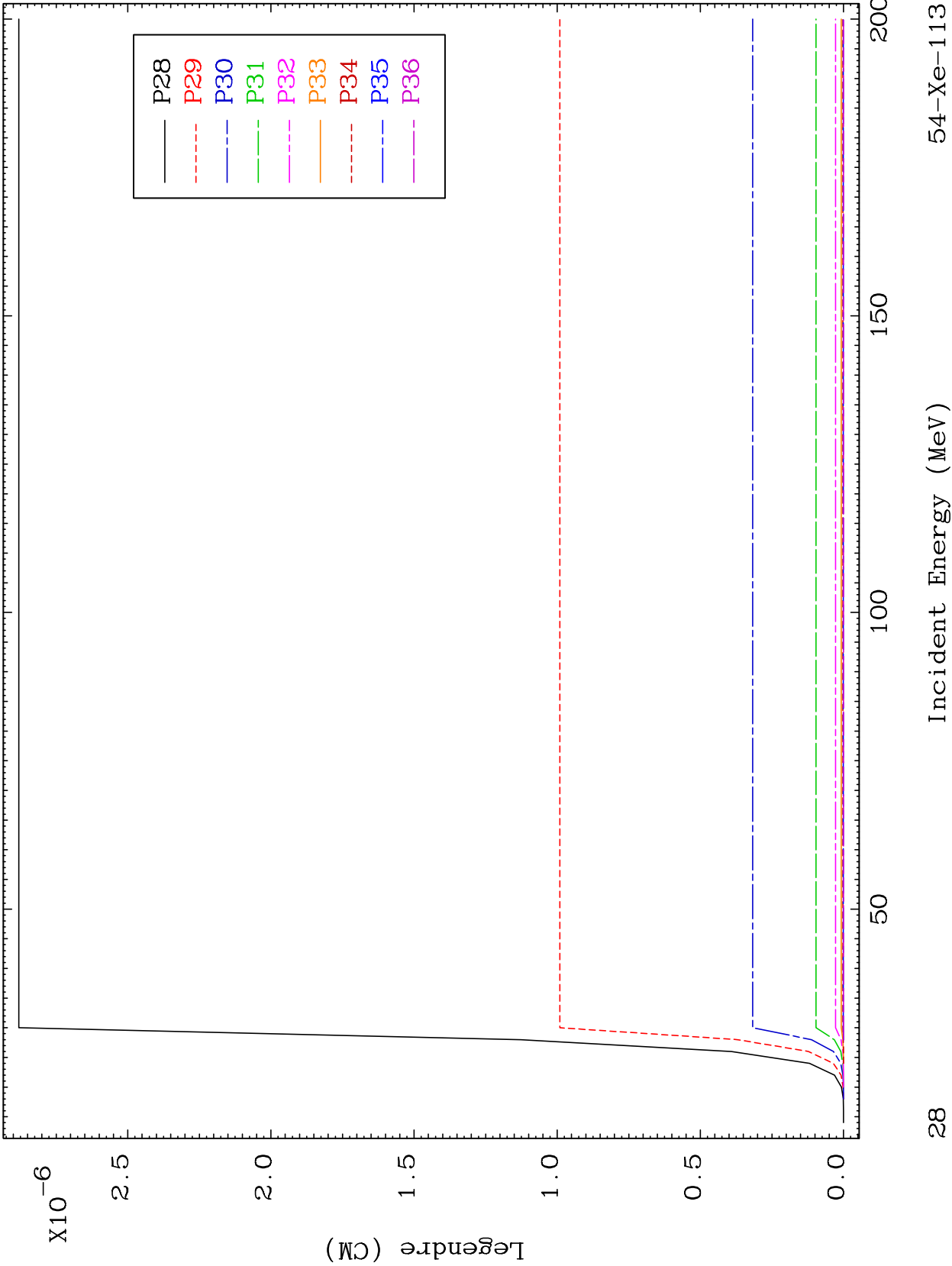
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 52 (n,n') Level  
Legendre Coefficients

54-Xe-113

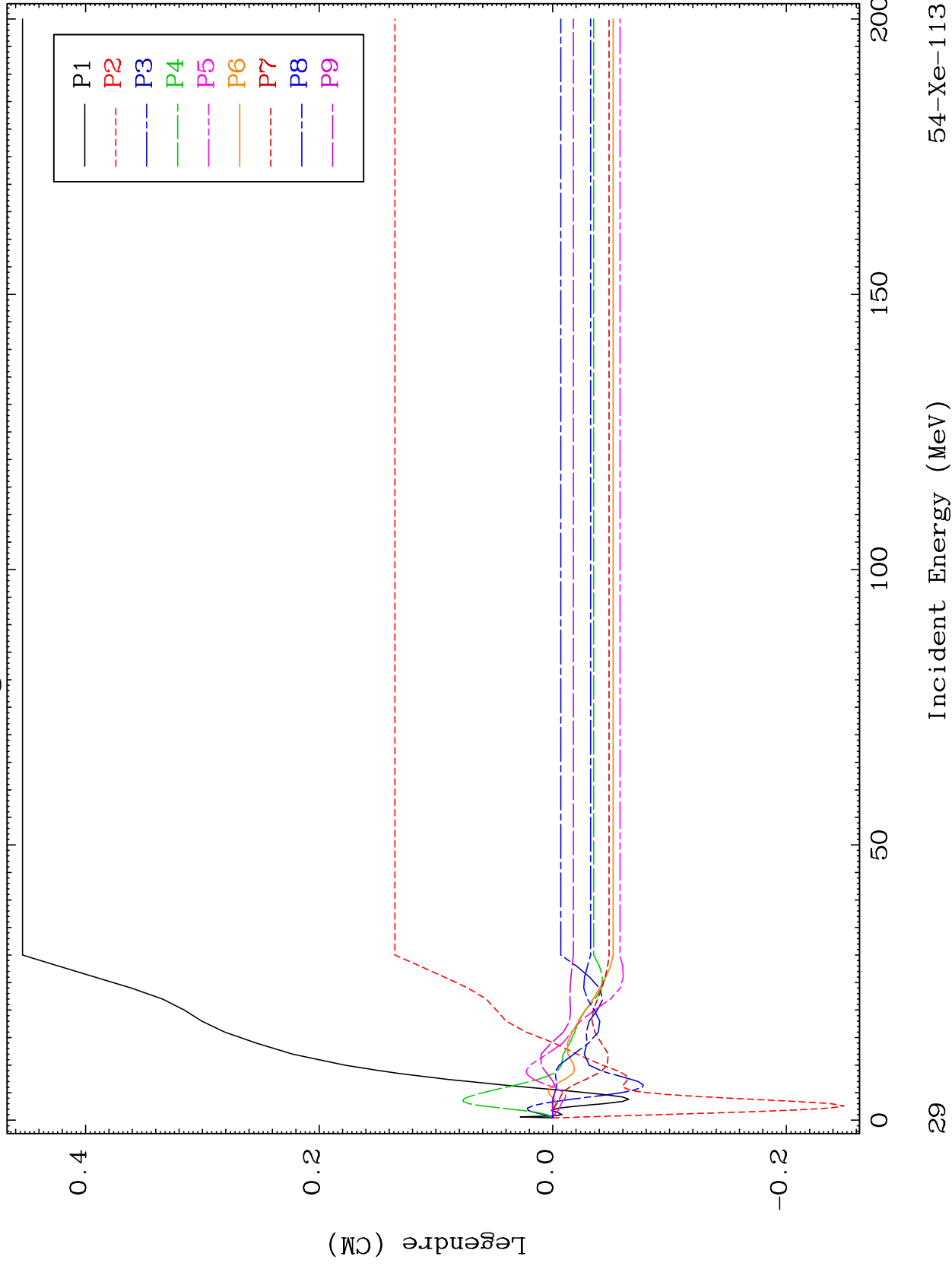


28

MAT 5392

MT= 53 (n,n') Level  
Legendre Coefficients

54-Xe-113



54-Xe-113

Incident Energy (MeV)

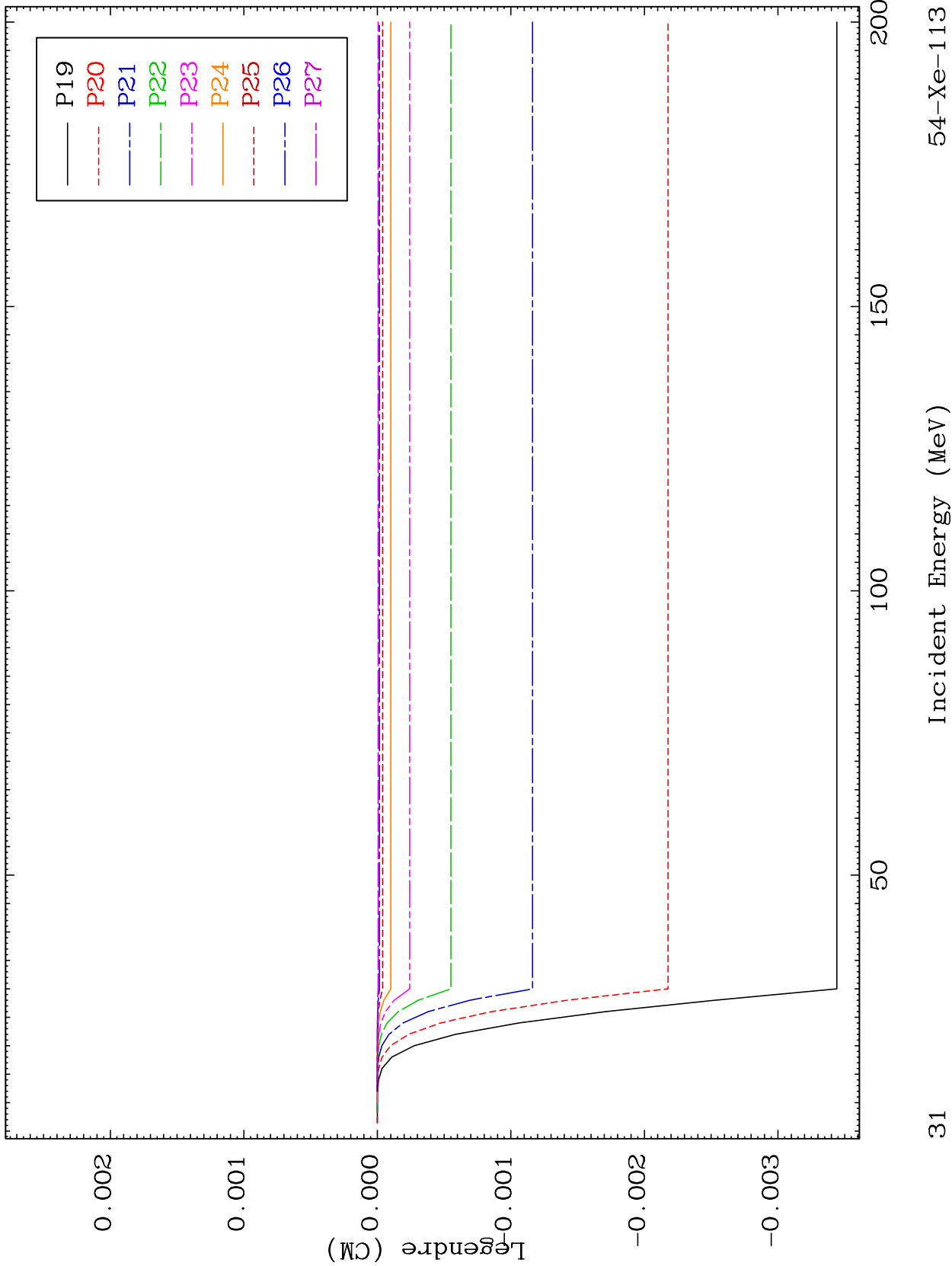
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MAT 5392

MT= 53 (n,n') Level  
Legendre Coefficients

54-Xe-113



31

Incident Energy (MeV)

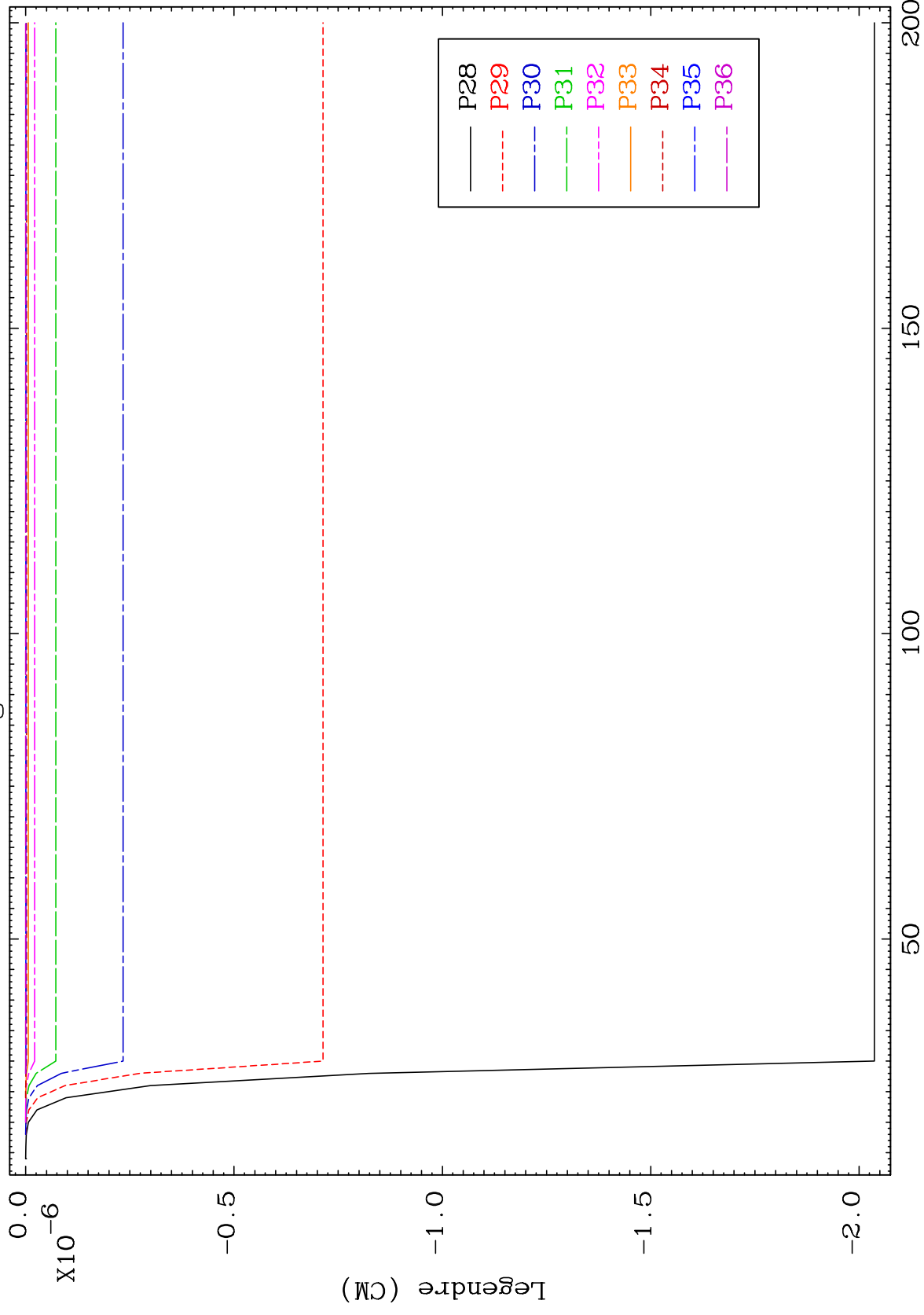
54-Xe-113



MAT 5392

MT= 53 (n,n') Level  
Legendre Coefficients

54-Xe-113



32

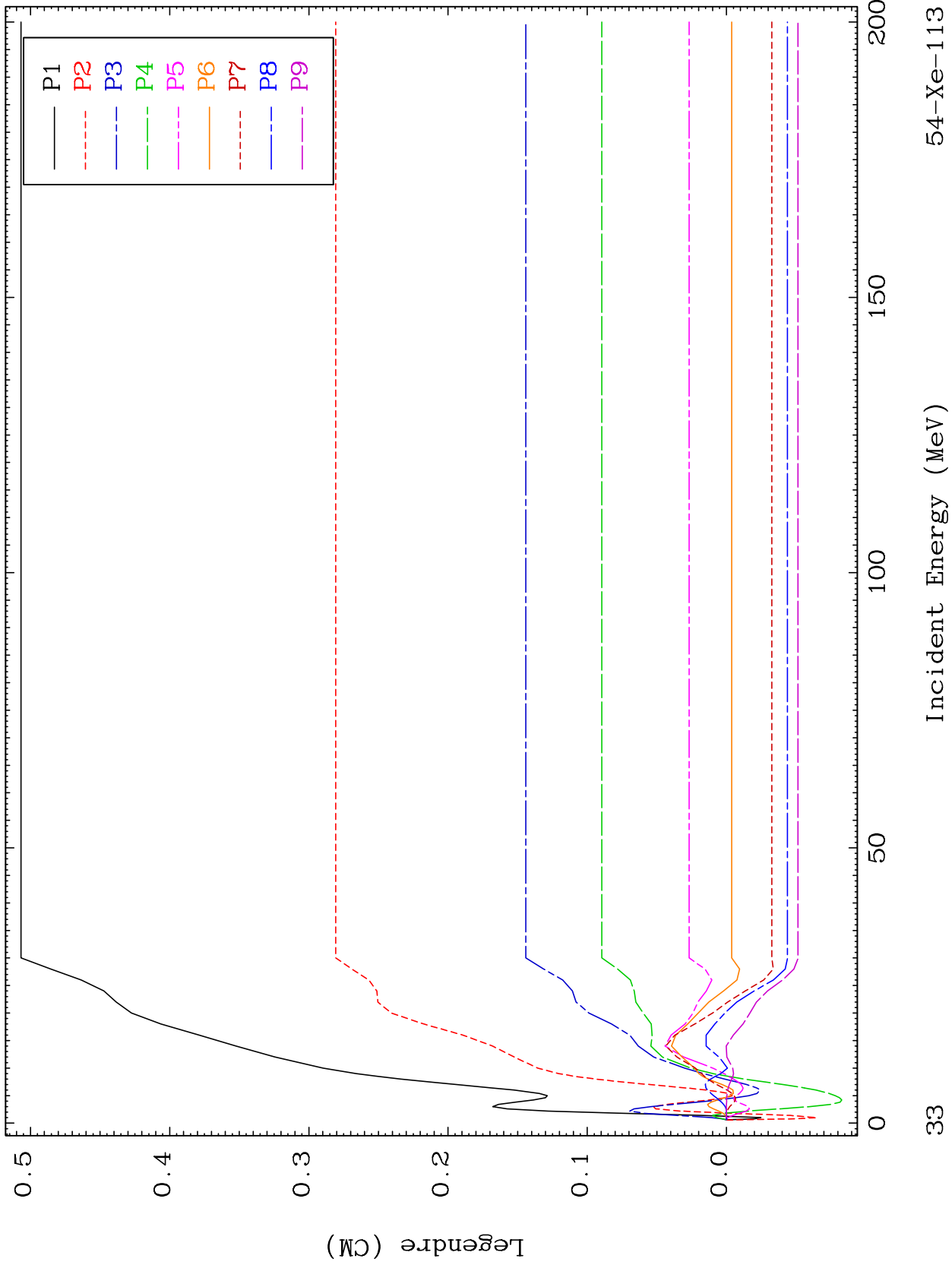
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 54 (n,n') Level  
Legendre Coefficients

54-Xe-113



54-Xe-113

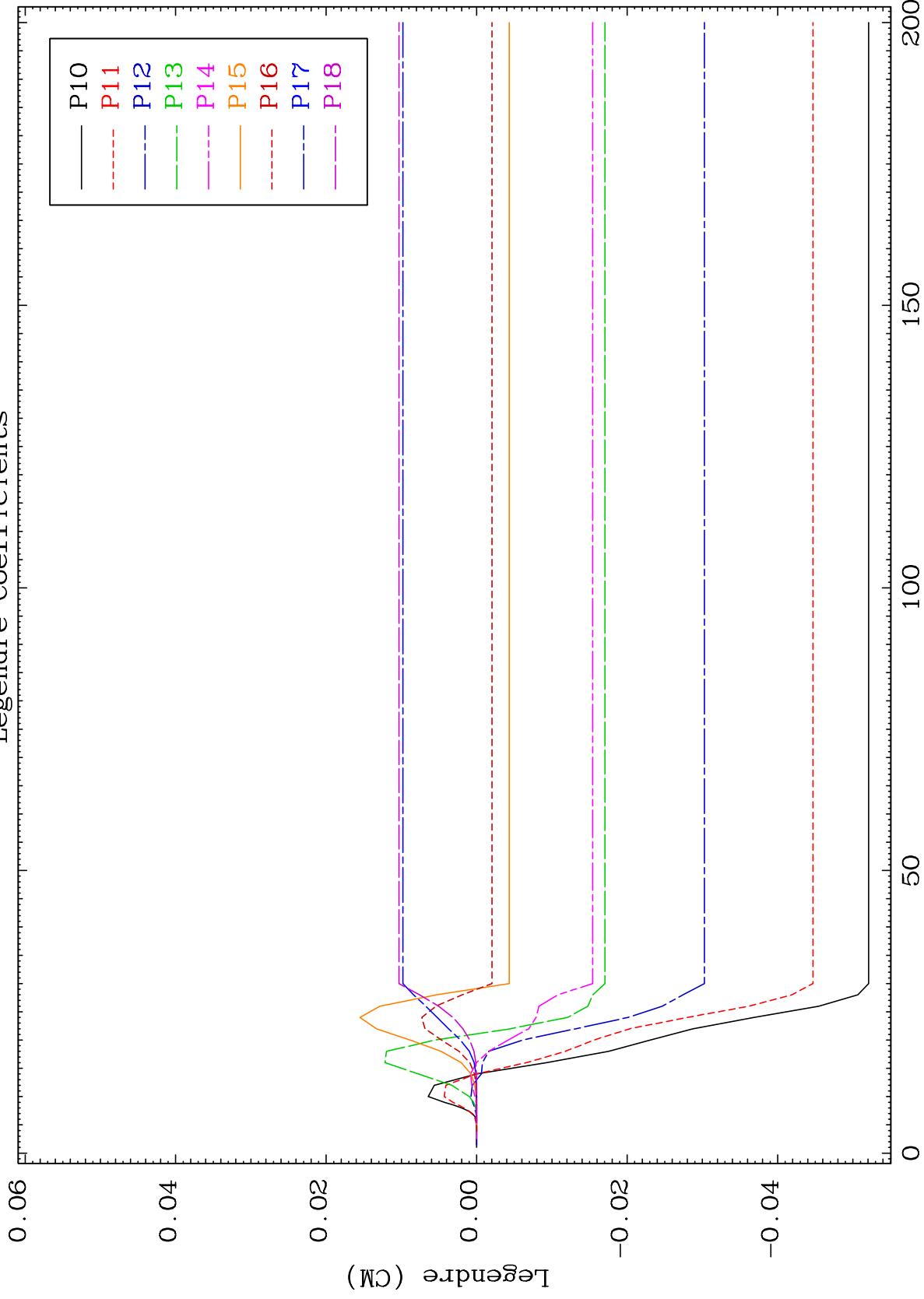
Incident Energy (MeV)

33

MAT 5392

MT= 54 (n,n') Level  
Legendre Coefficients

54-Xe-113



34

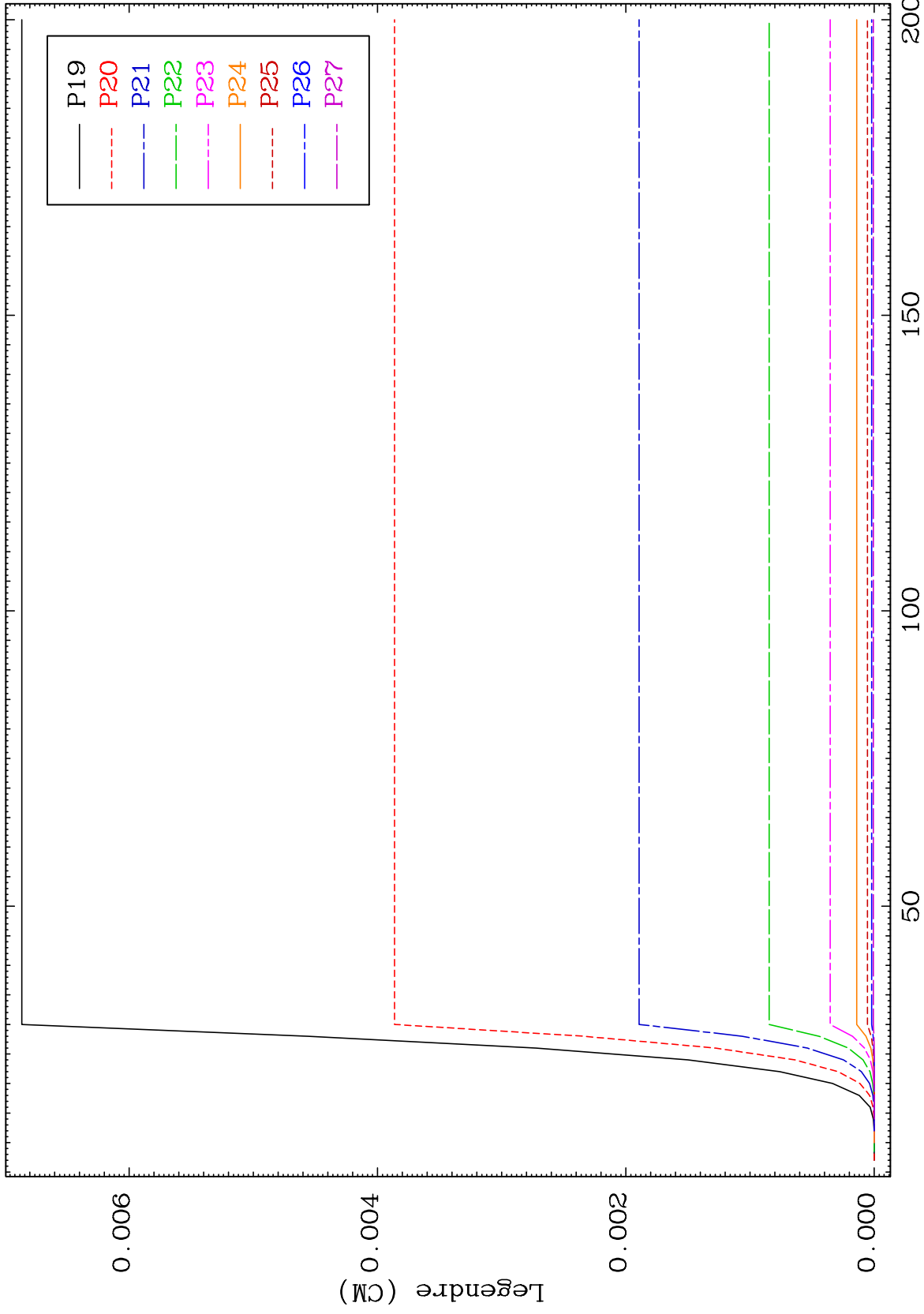
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 54 (n,n') Level  
Legendre Coefficients

54-Xe-113



35

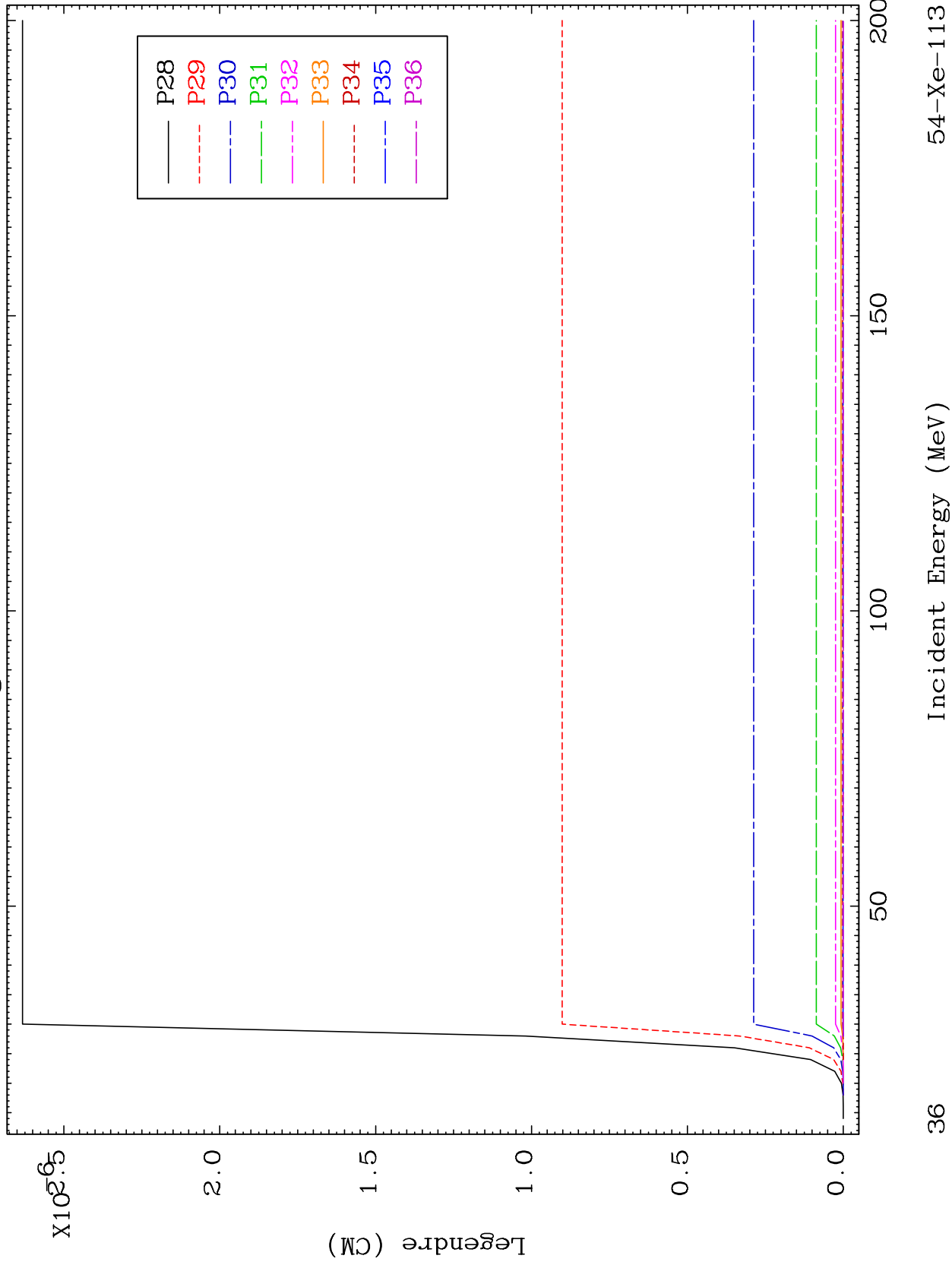
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 54 (n,n') Level  
Legendre Coefficients

54-Xe-113



54-Xe-113

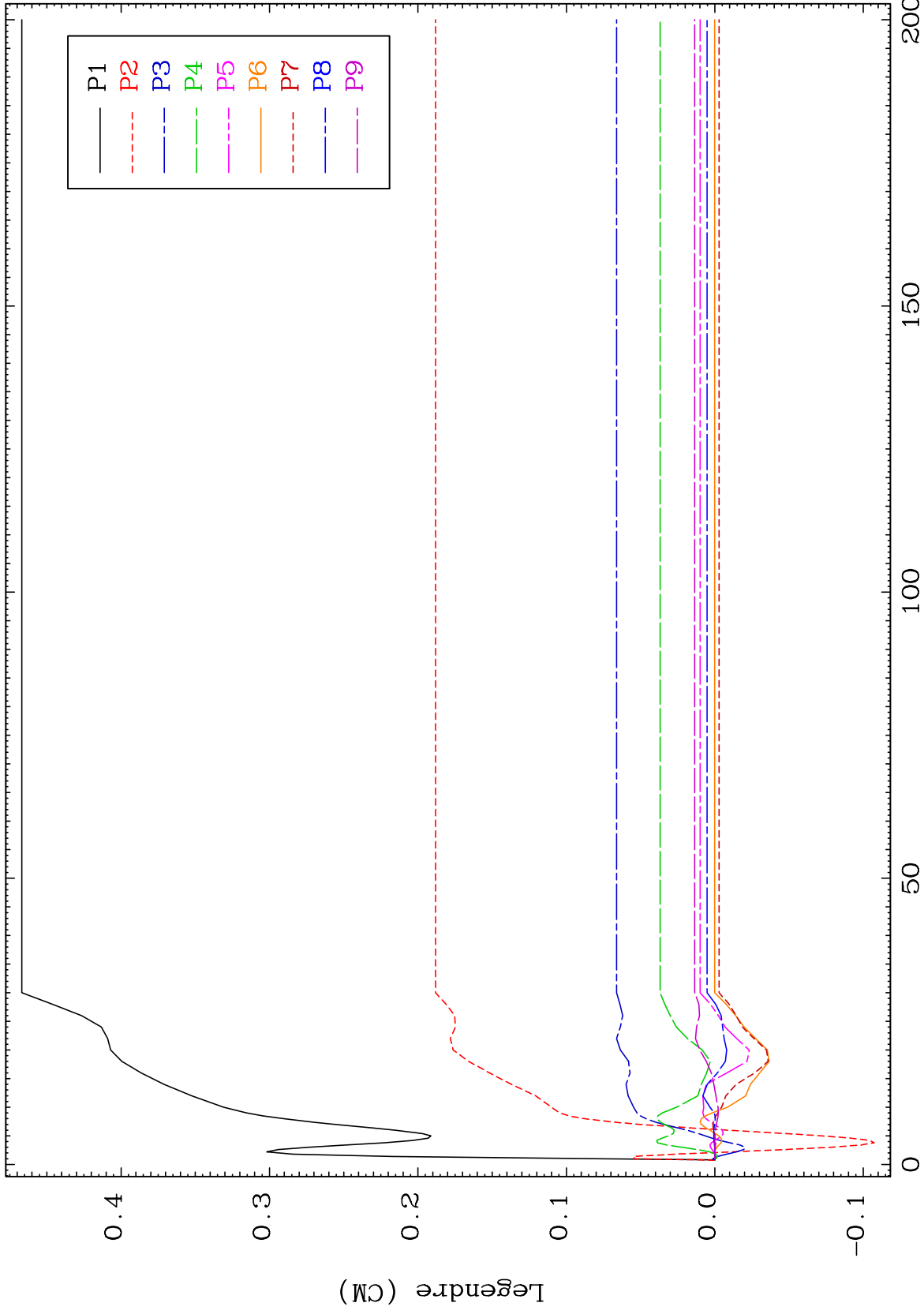
Incident Energy (MeV)

36

MAT 5392

MT= 55 (n,n') Level  
Legendre Coefficients

54-Xe-113



37

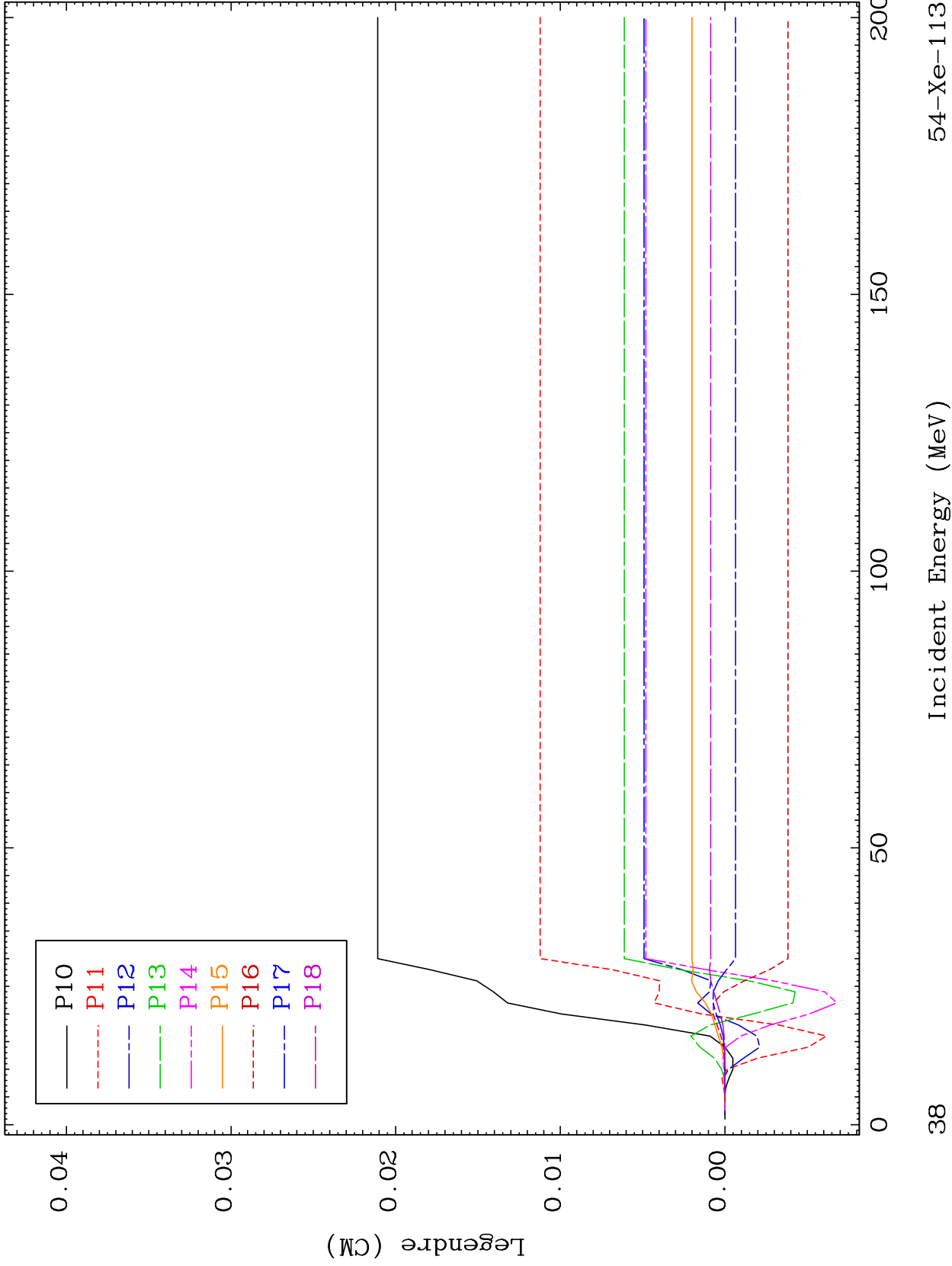
Incident Energy (MeV)

54-Xe-113

MAT 5392

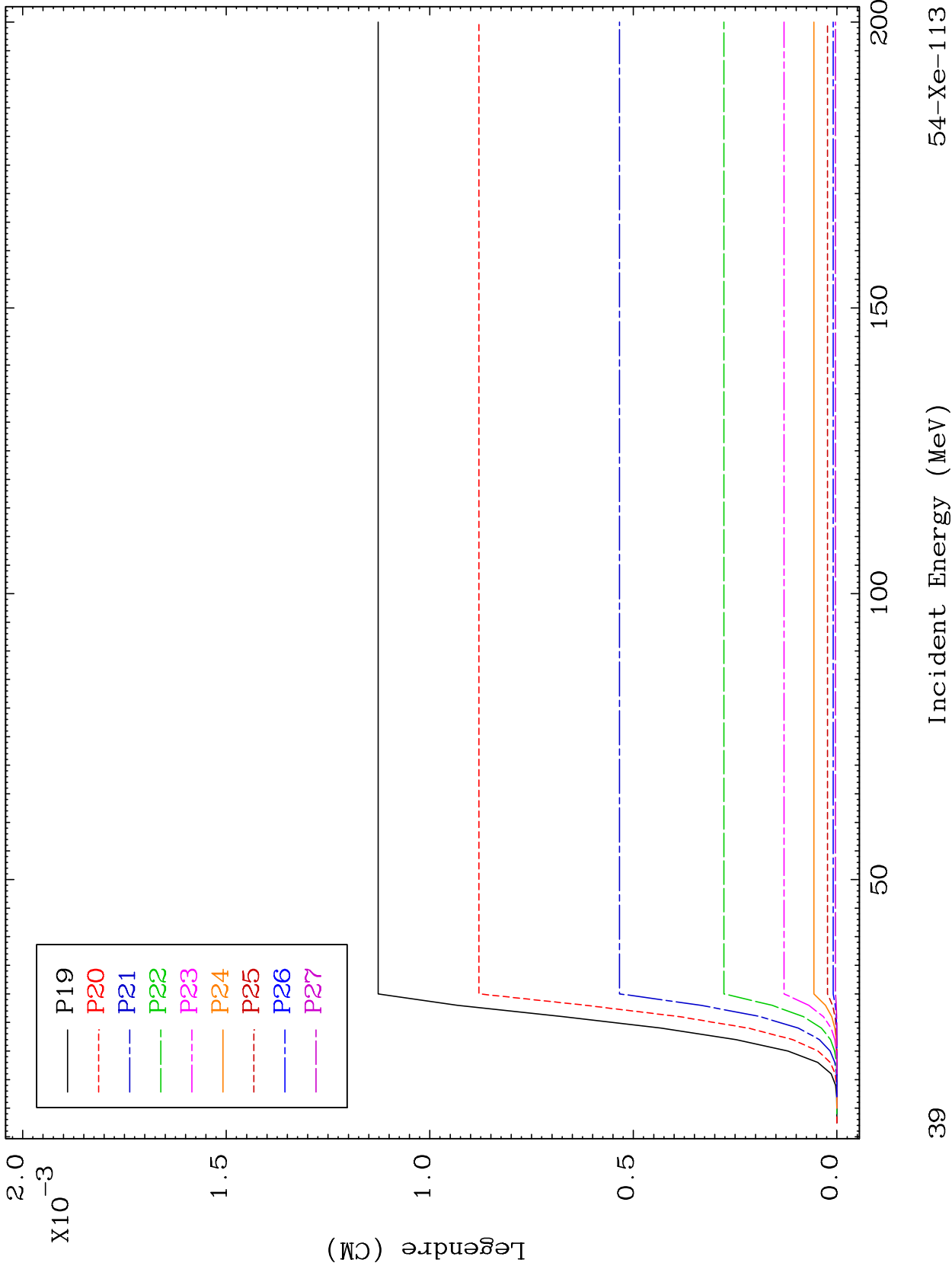
MT= 55 (n,n') Level  
Legendre Coefficients

54-Xe-113



38

54-Xe-113

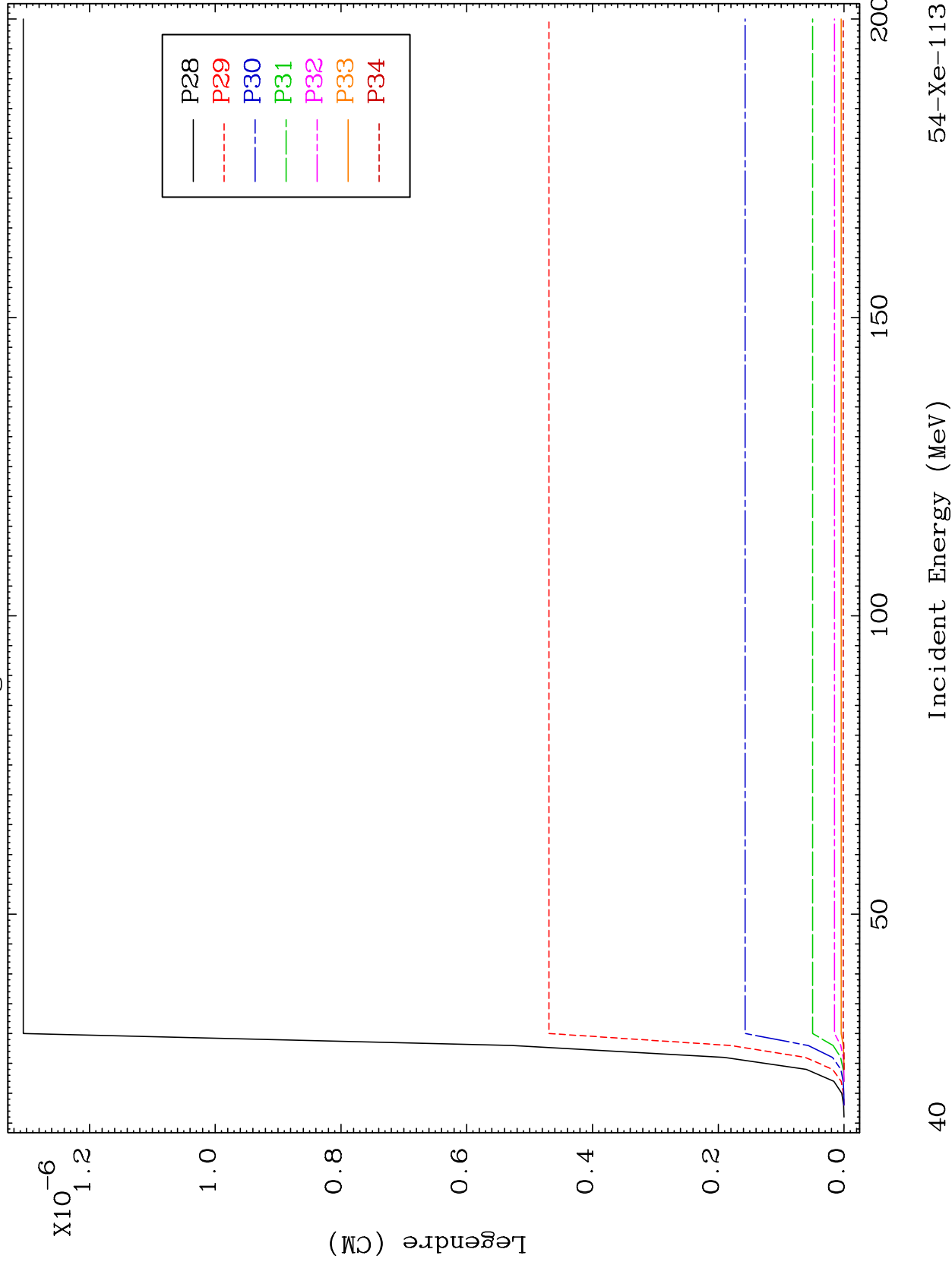




MAT 5392

MT= 55 (n,n') Level  
Legendre Coefficients

54-Xe-113

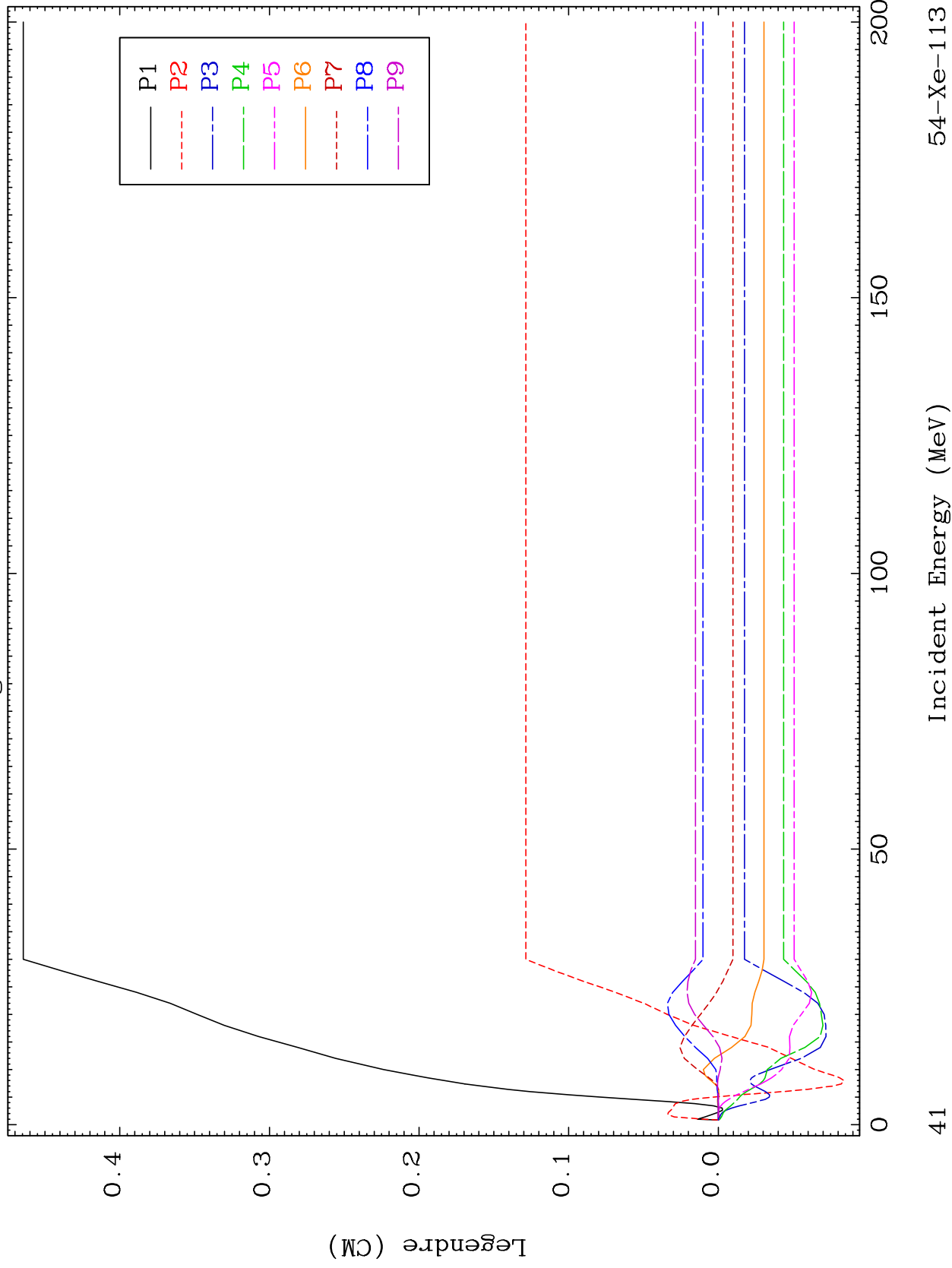


54-Xe-113

MAT 5392

MT= 56 (n,n') Level  
Legendre Coefficients

54-Xe-113



54-Xe-113

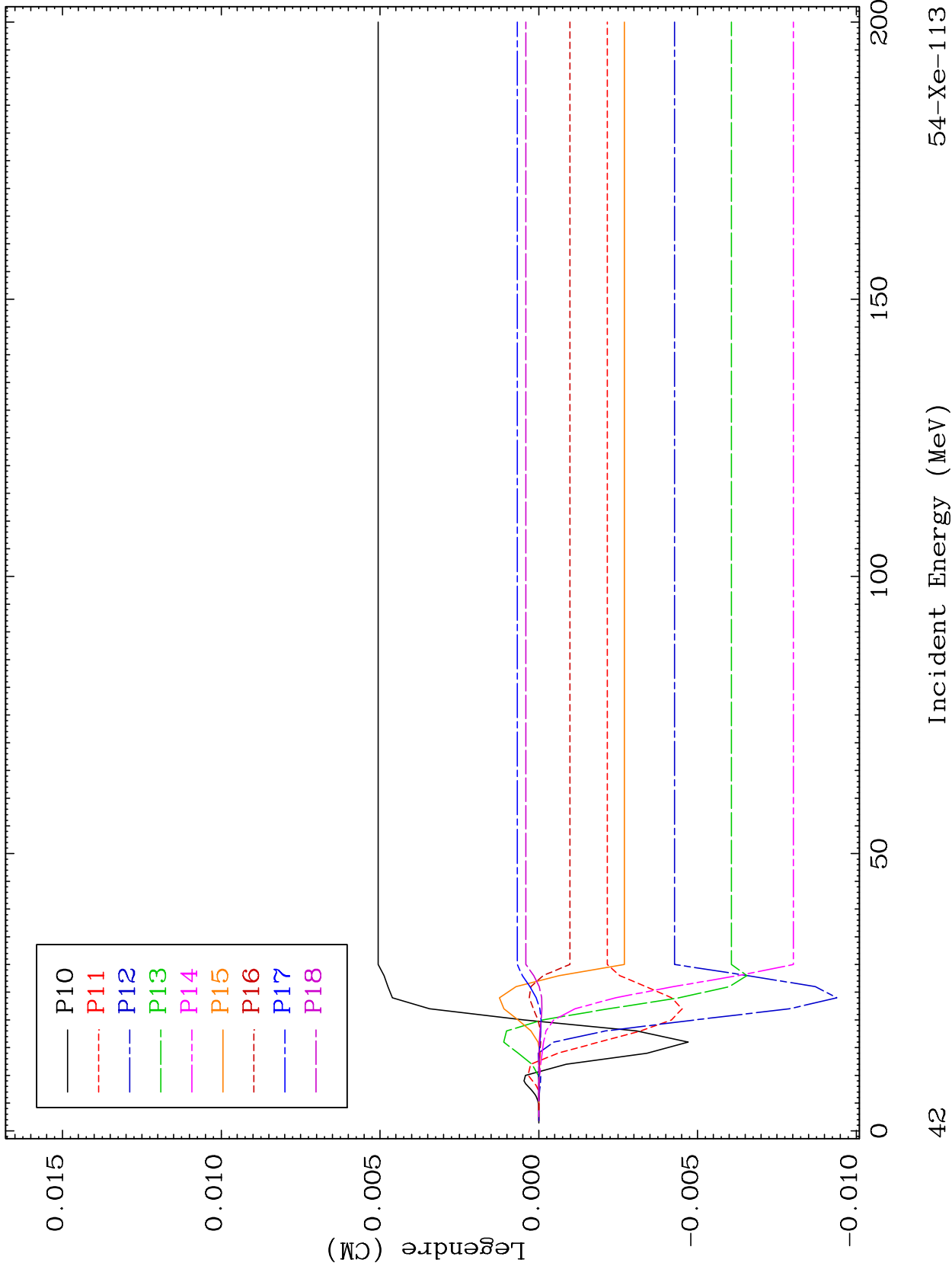
Incident Energy (MeV)

41

MAT 5392

MT= 56 (n,n') Level  
Legendre Coefficients

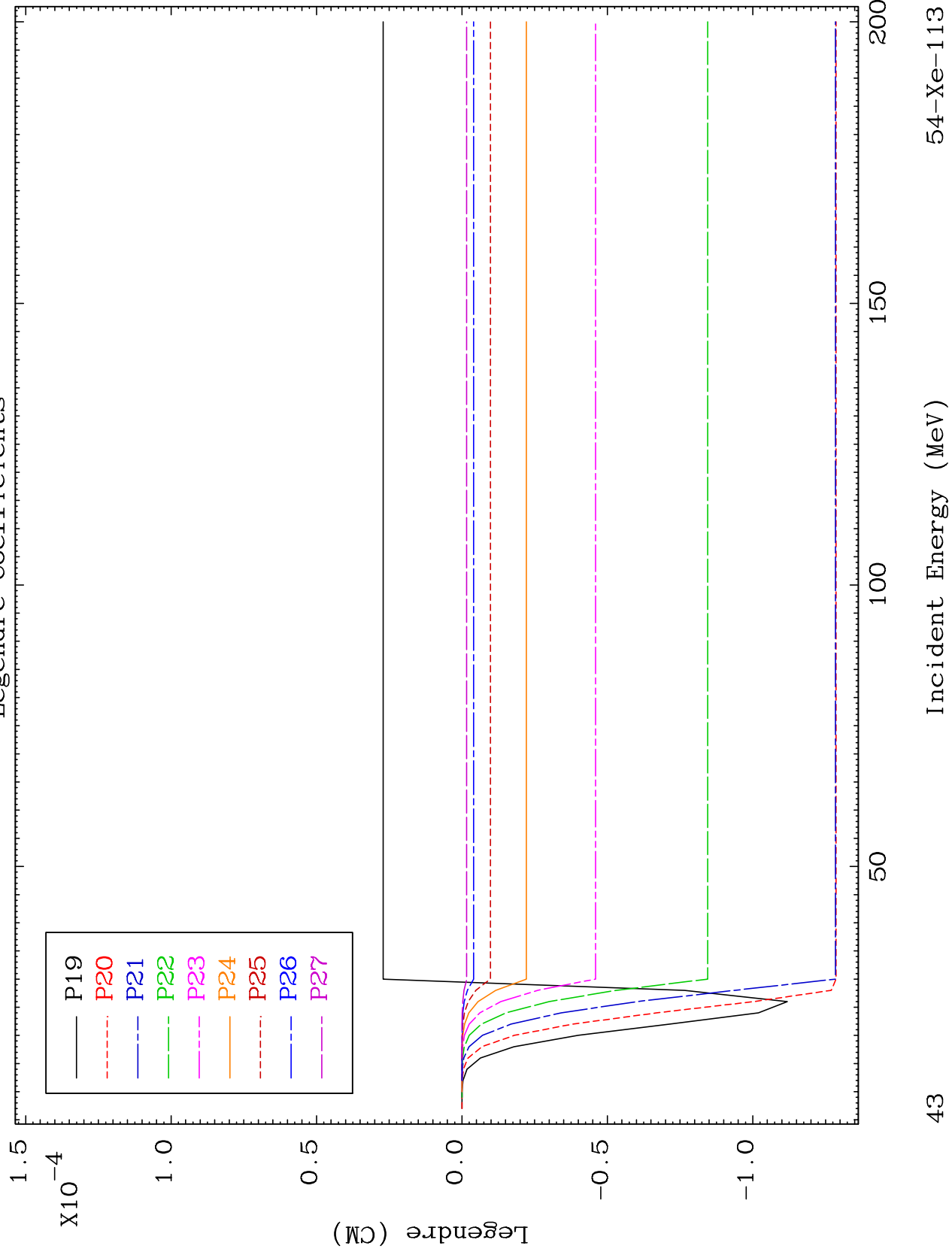
54-Xe-113



42

Incident Energy (MeV)

54-Xe-113

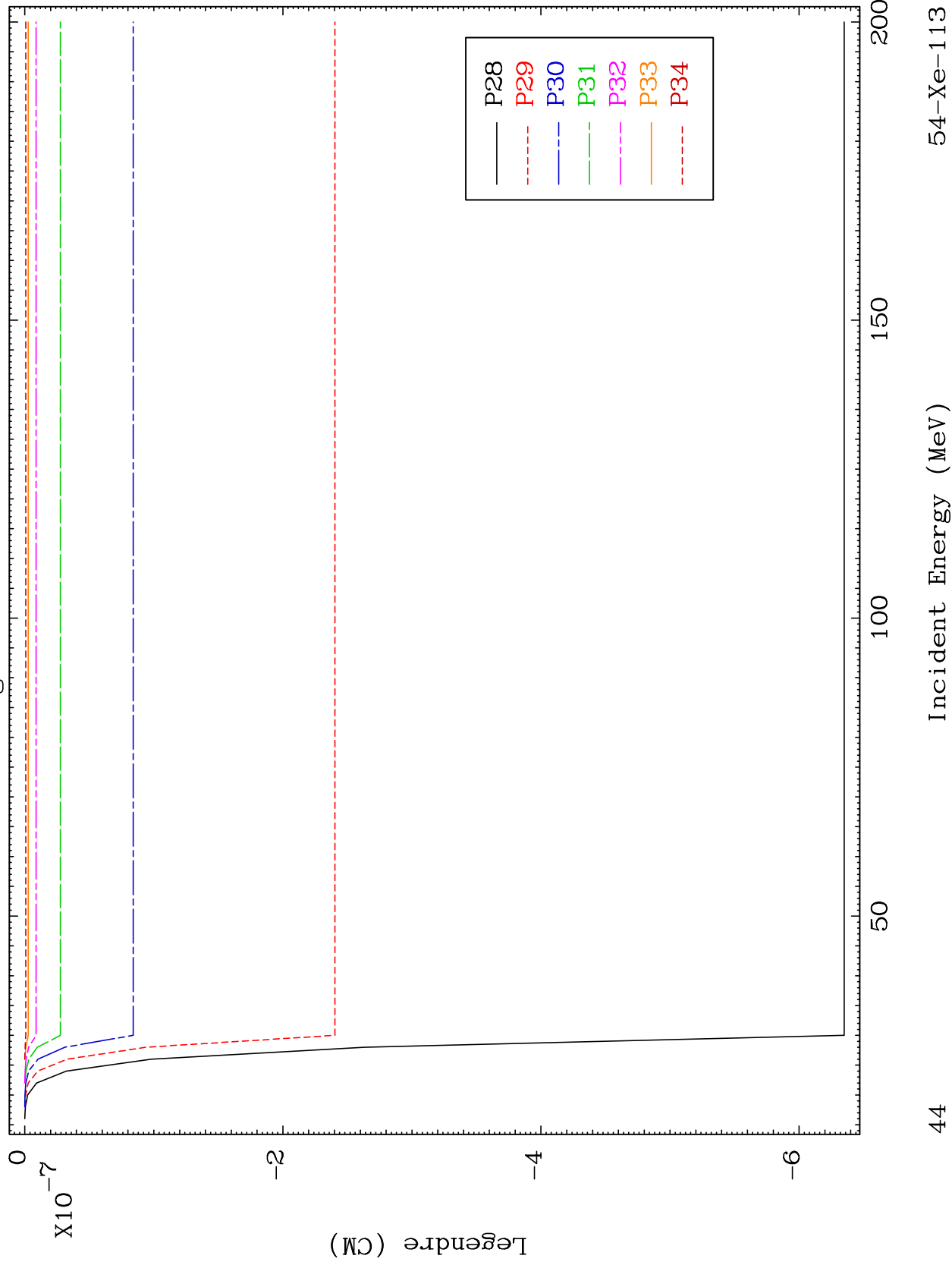


MAT 5392

MT= 56 (n,n') Level

54-Xe-113

Legendre Coefficients



44

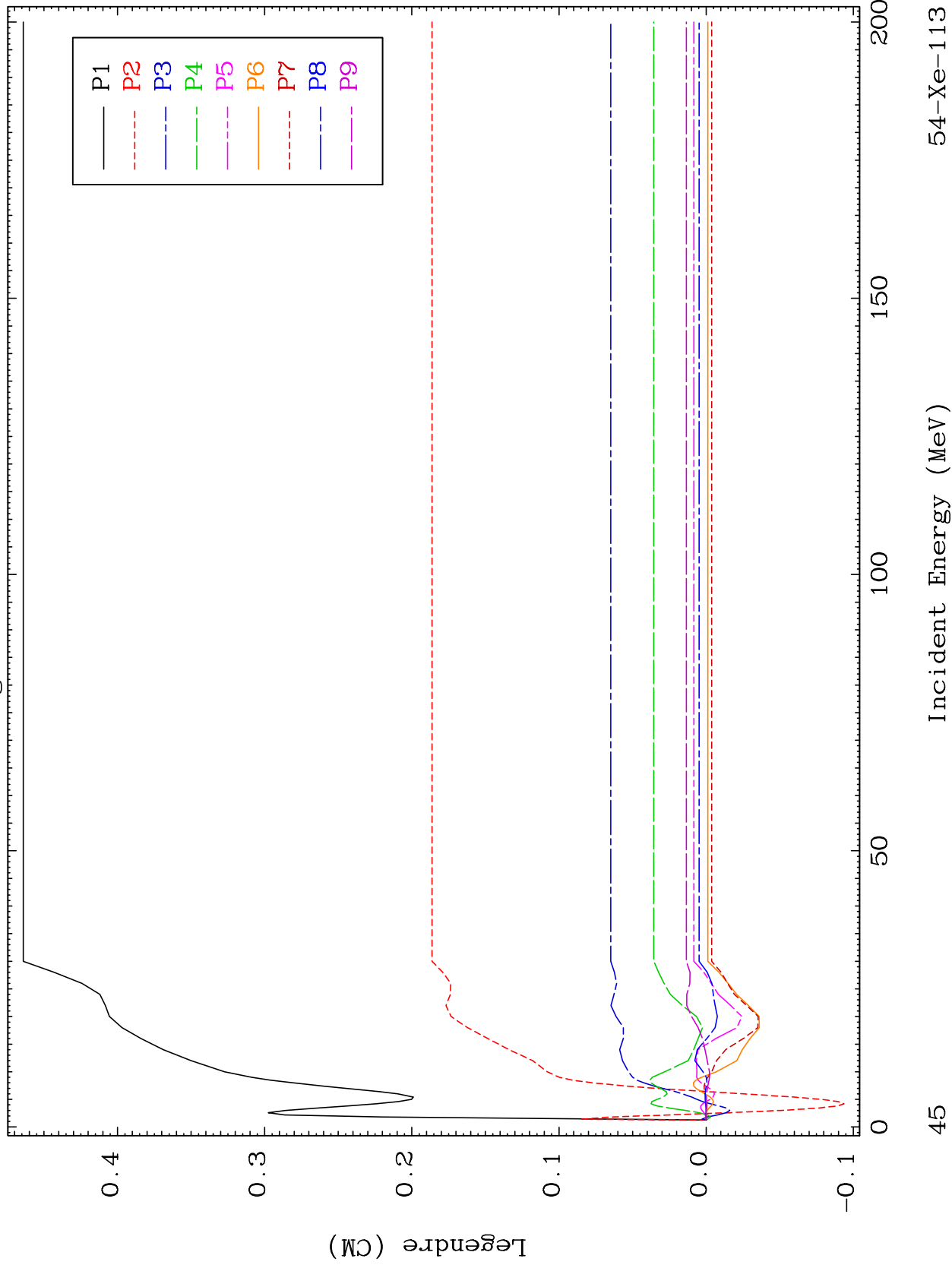
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 57 (n,n') Level  
Legendre Coefficients

54-Xe-113



54-Xe-113

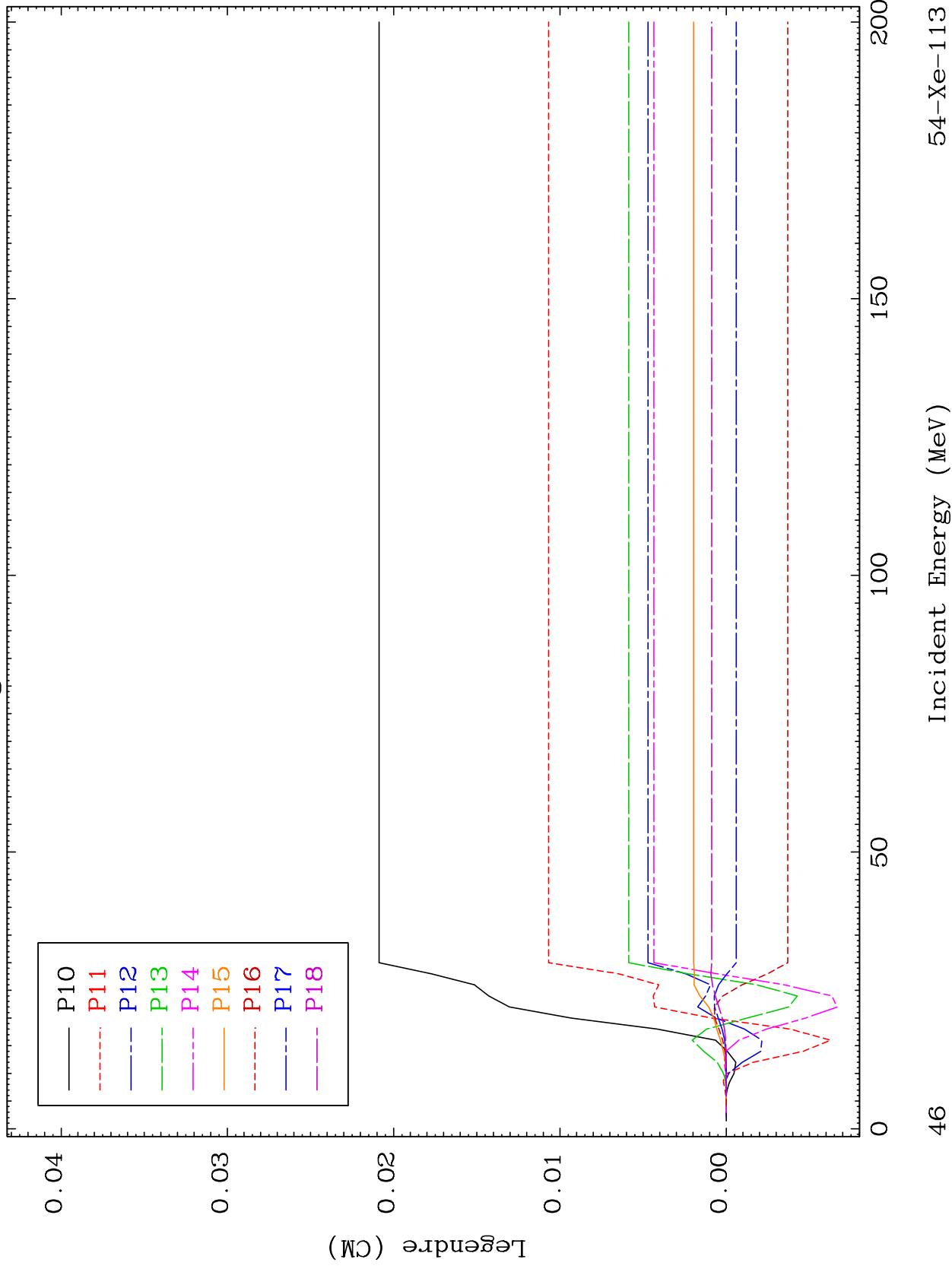
Incident Energy (MeV)

45

MAT 5392

MT= 57 (n,n') Level  
Legendre Coefficients

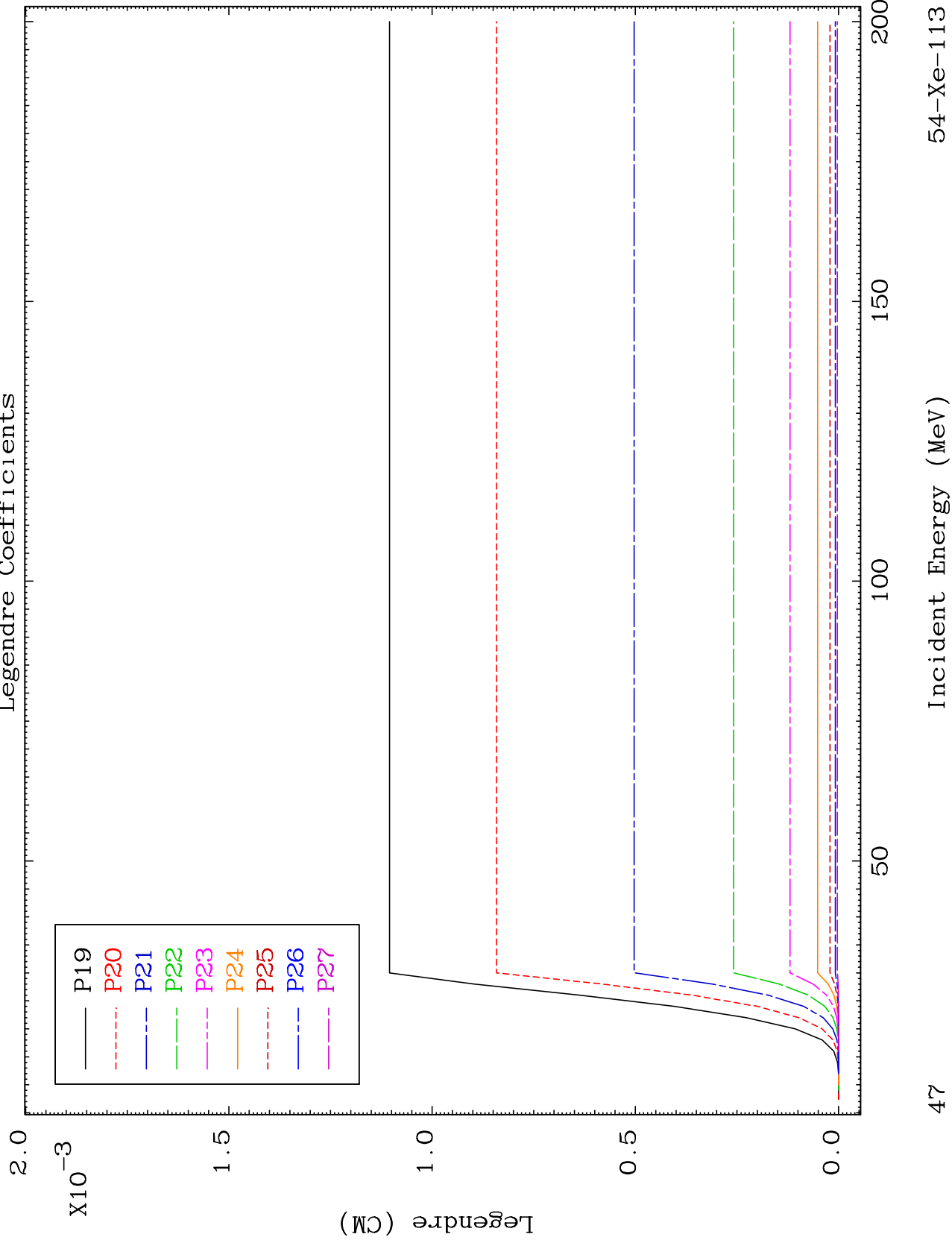
54-Xe-113



MAT 5392

MT= 57 (n,n') Level  
Legendre Coefficients

54-Xe-113



47

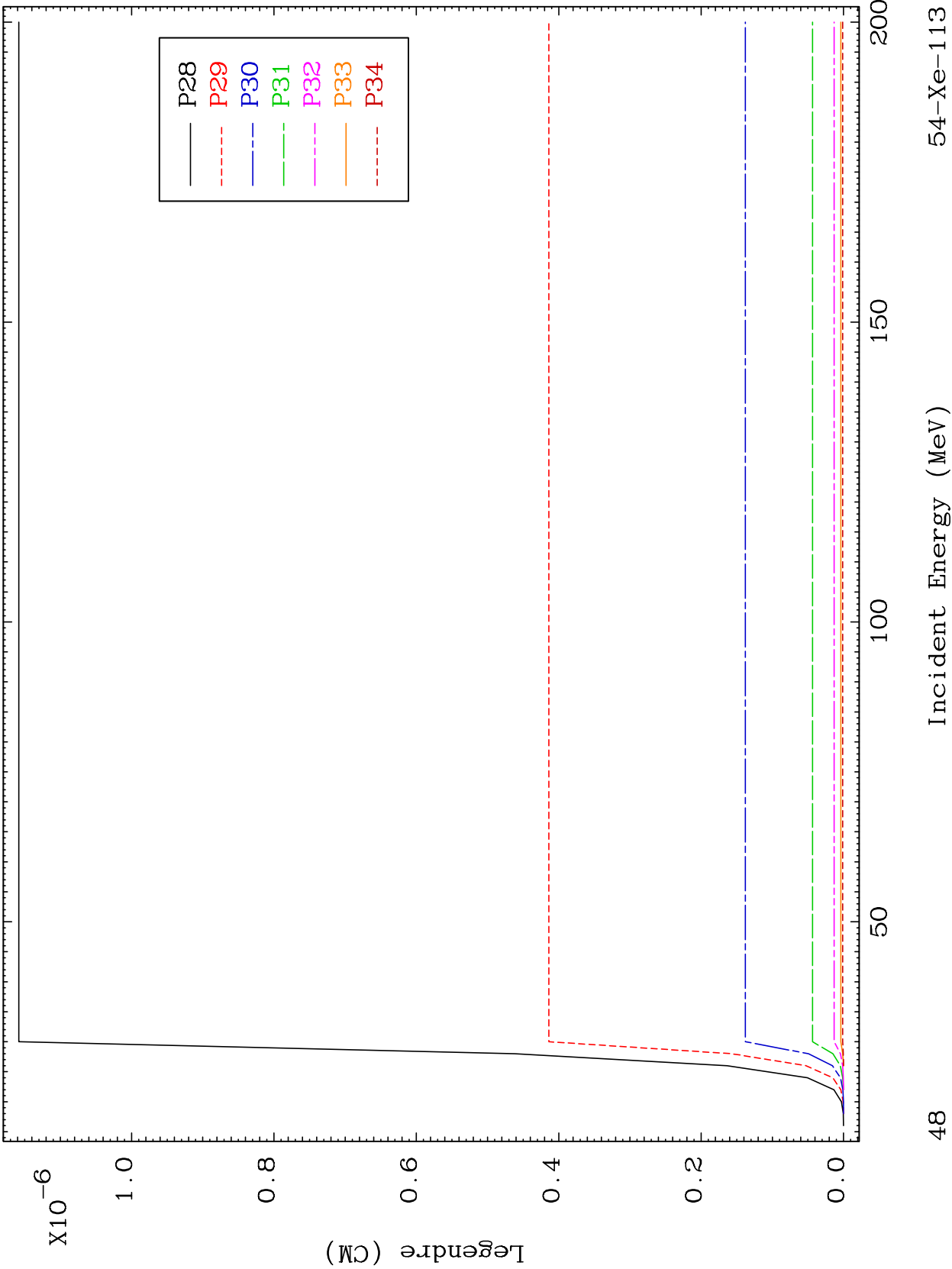
54-Xe-113



MAT 5392

MT= 57 (n,n') Level  
Legendre Coefficients

54-Xe-113



48

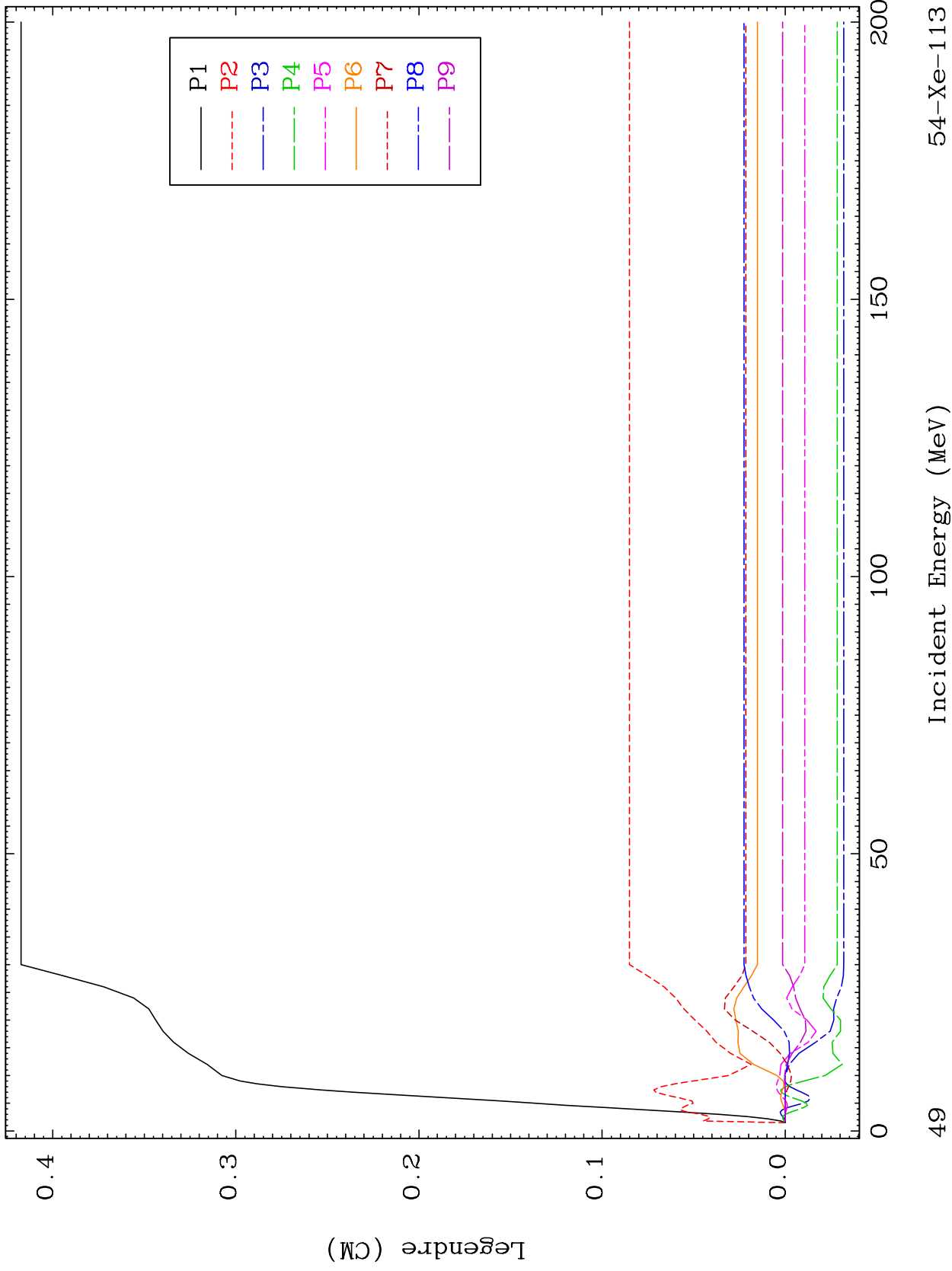
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 58 (n,n') Level  
Legendre Coefficients

54-Xe-113



54-Xe-113

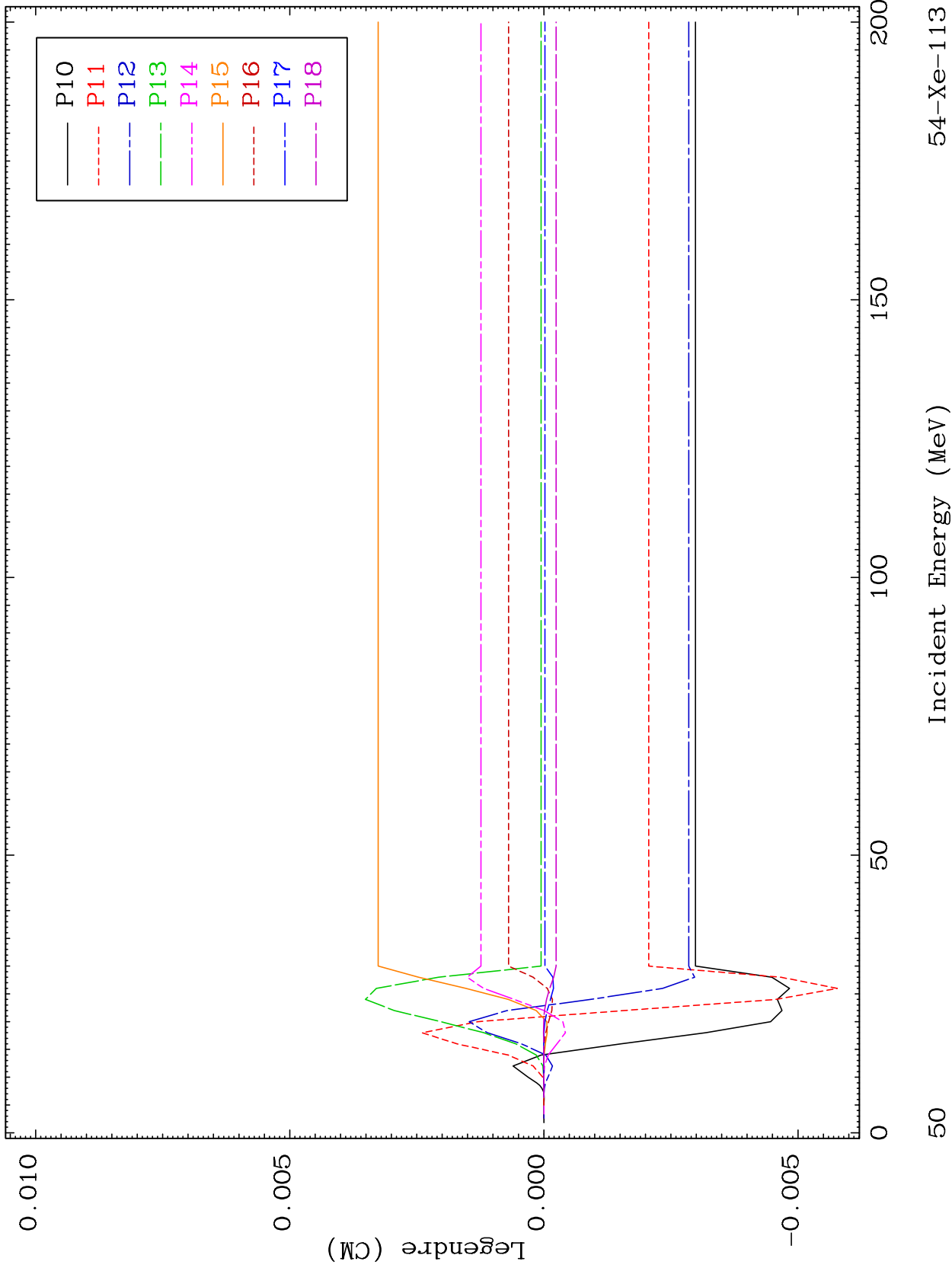
Incident Energy (MeV)

49

MAT 5392

MT= 58 (n,n') Level  
Legendre Coefficients

54-Xe-113



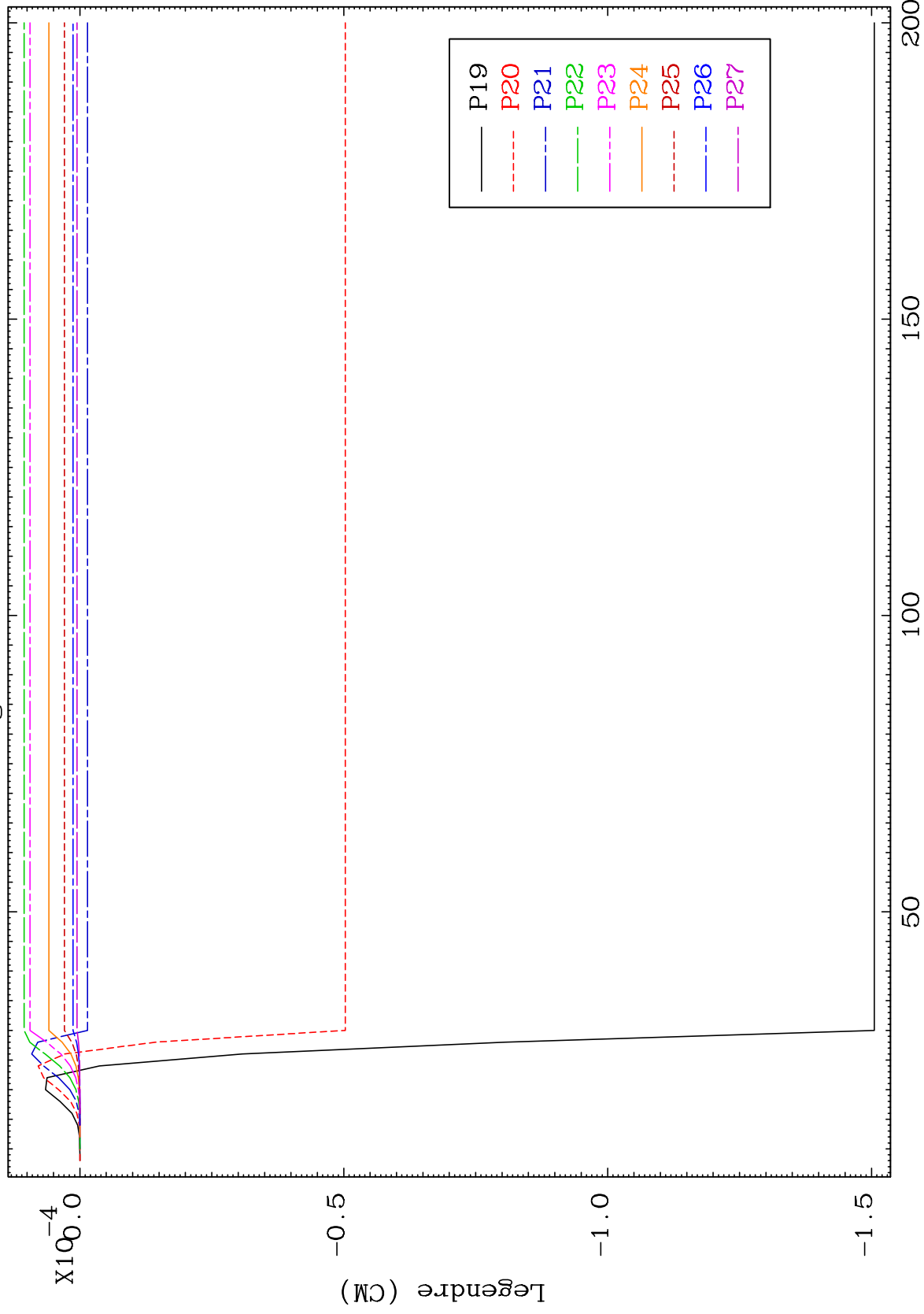
54-Xe-113

Incident Energy (MeV)

MAT 5392

54-Xe-113

MT= 58 (n,n') Level  
Legendre Coefficients



51

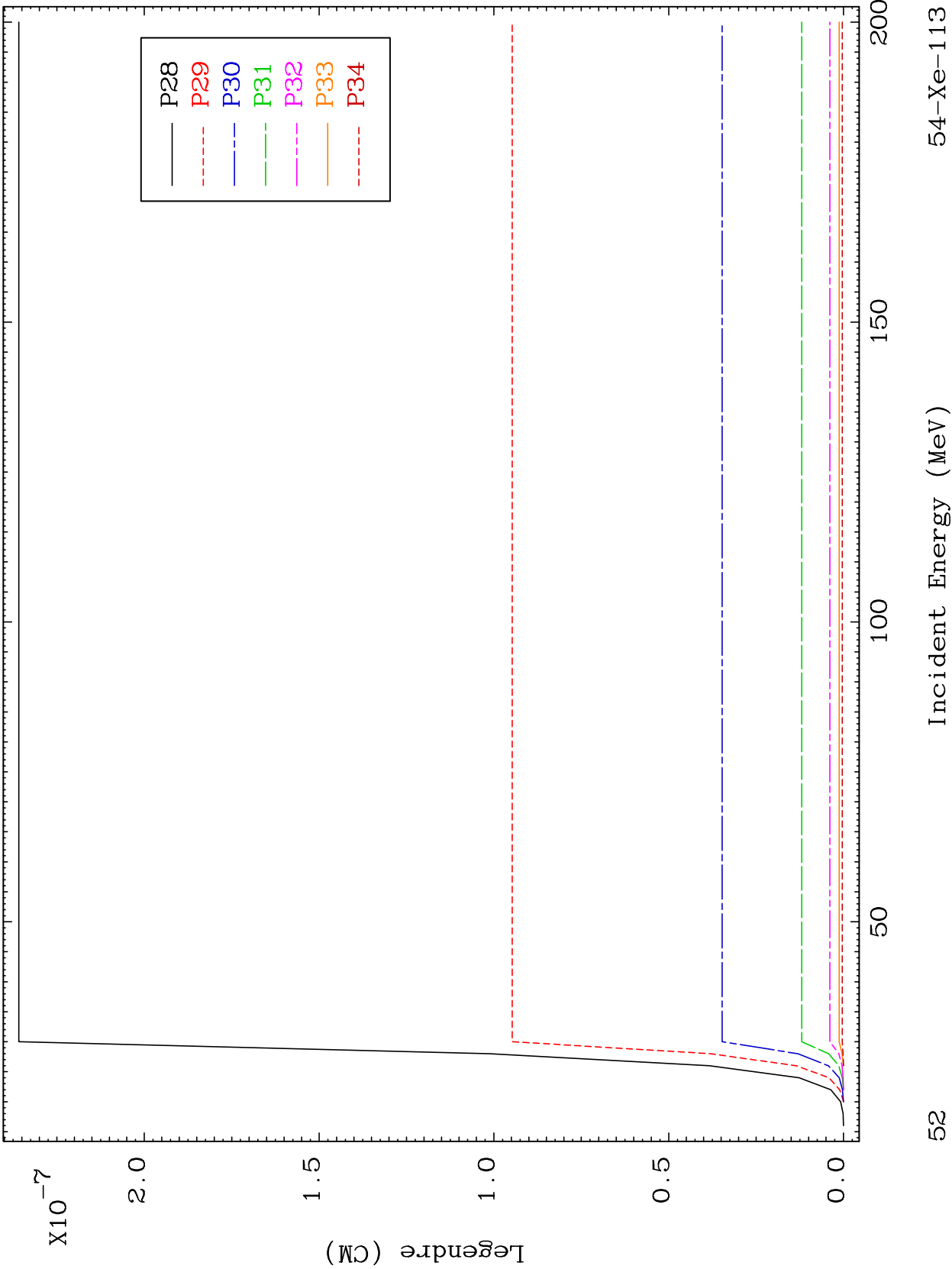
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 58 (n,n') Level  
Legendre Coefficients

54-Xe-113



52

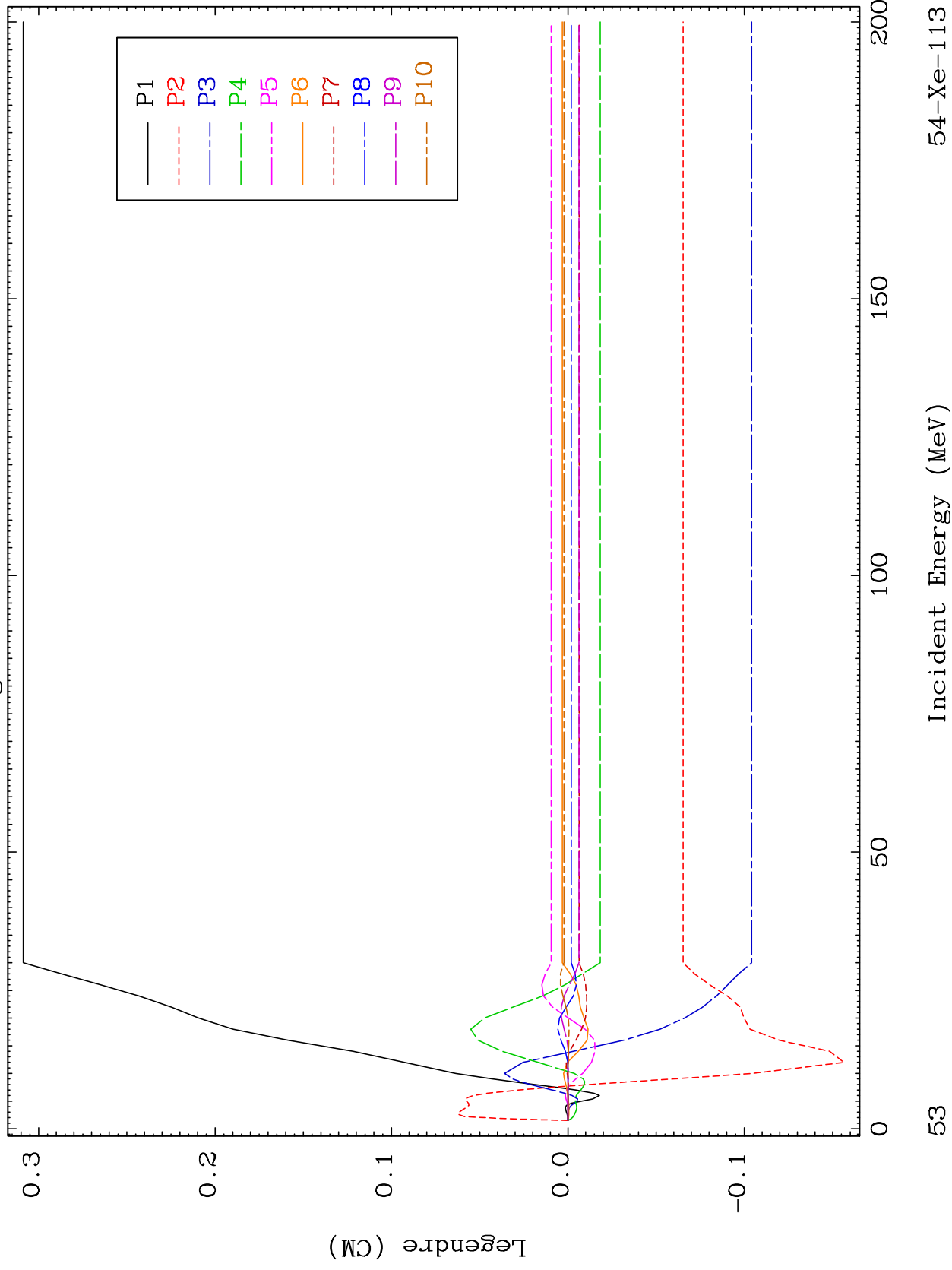
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 59 (n,n') Level  
Legendre Coefficients

54-Xe-113



53

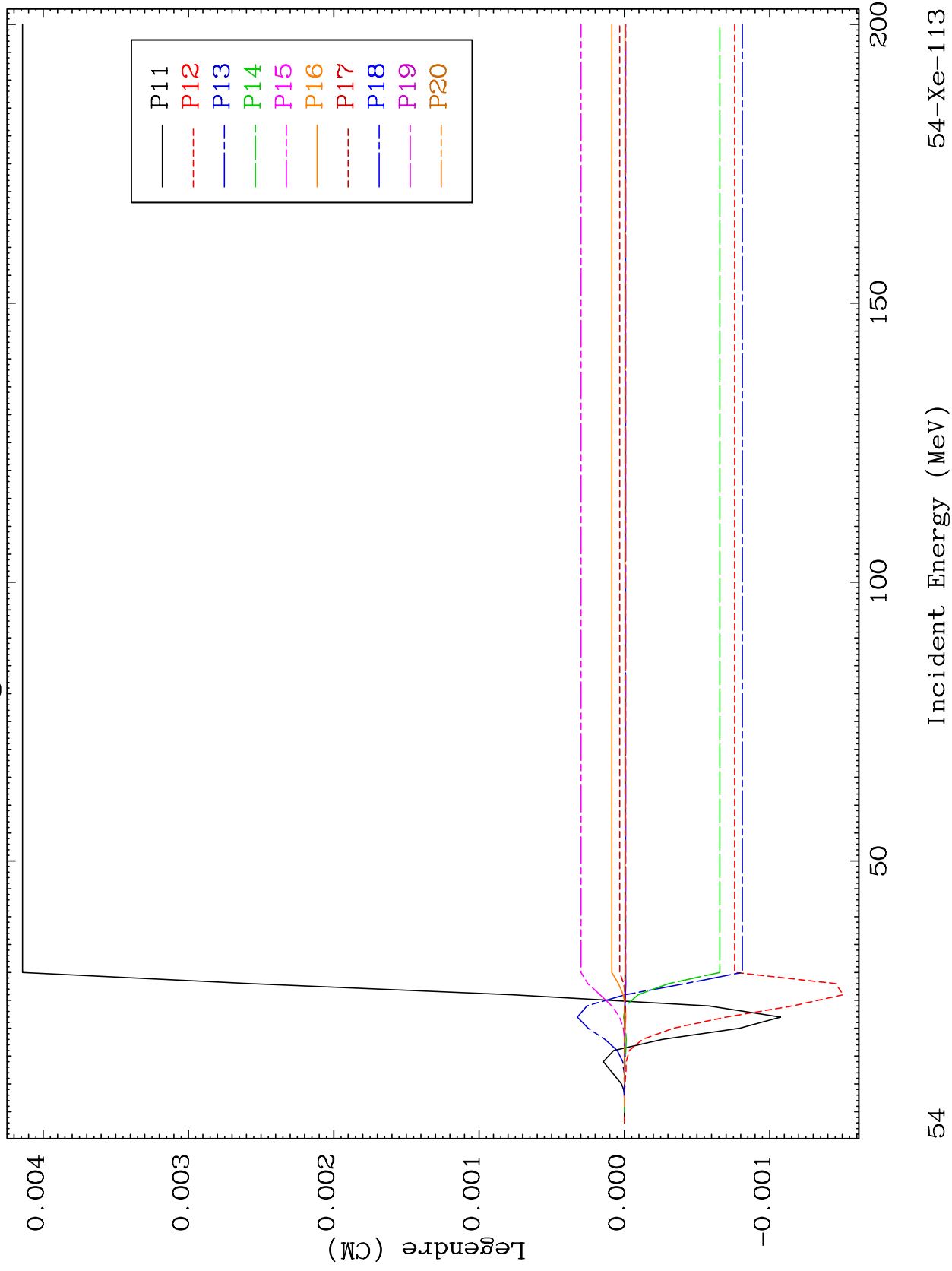
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 59 (n,n') Level  
Legendre Coefficients

54-Xe-113

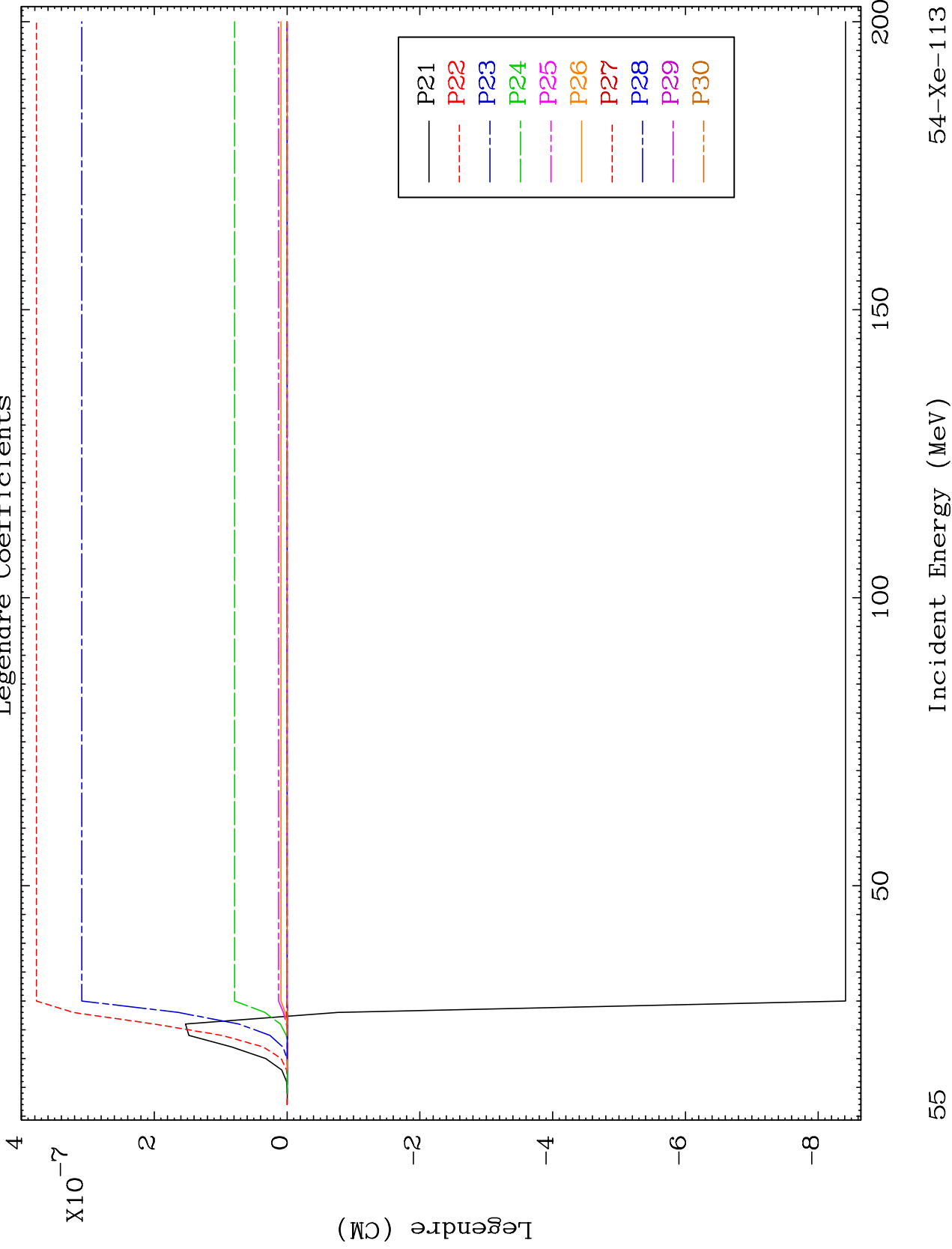


54

MAT 5392

MT= 59 (n,n') Level  
Legendre Coefficients

54-Xe-113



55

Incident Energy (MeV)

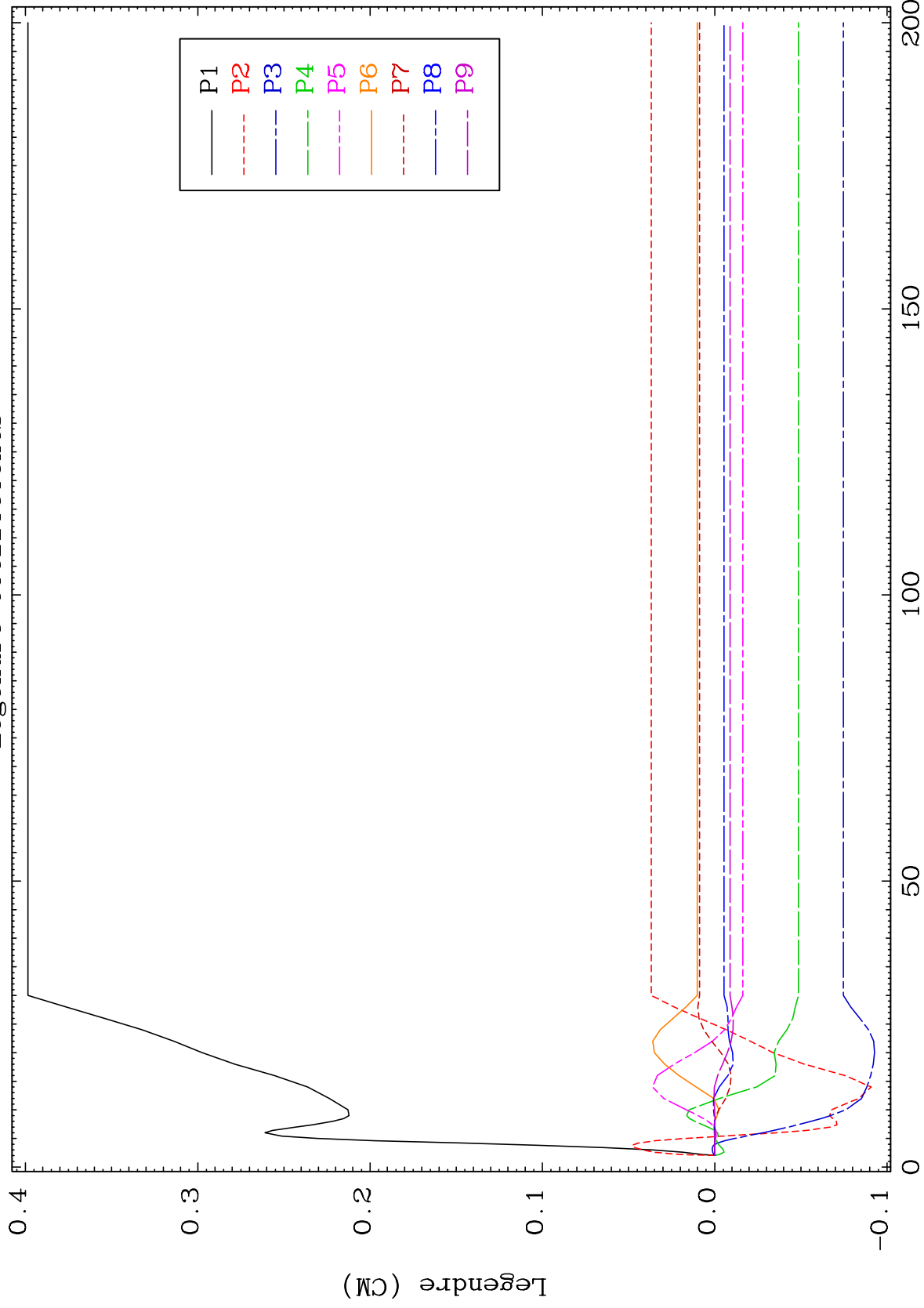
54-Xe-113



MAT 5392

MT= 60 (n,n') Level  
Legendre Coefficients

54-Xe-113



56

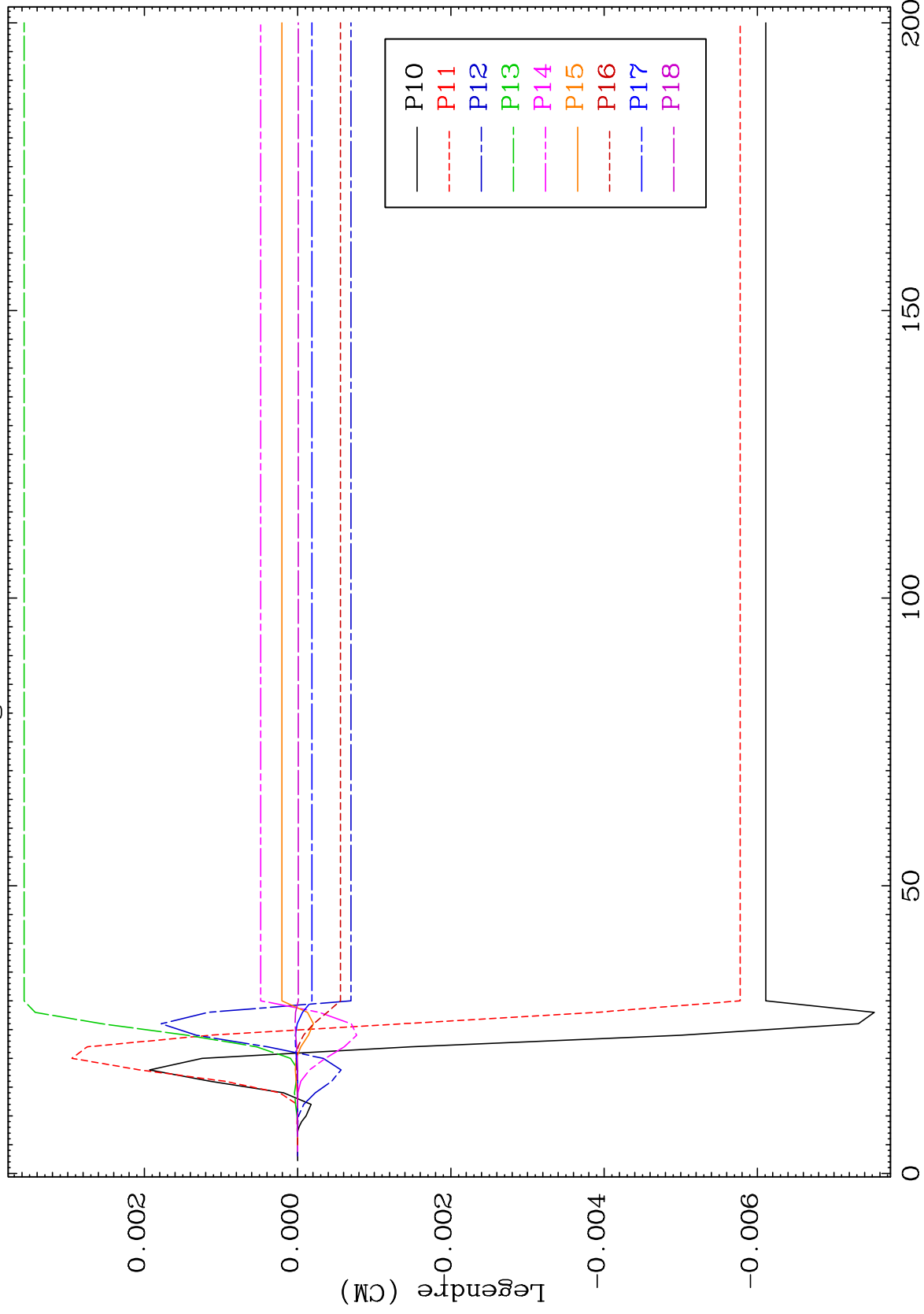
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 60 (n,n') Level  
Legendre Coefficients

54-Xe-113



57

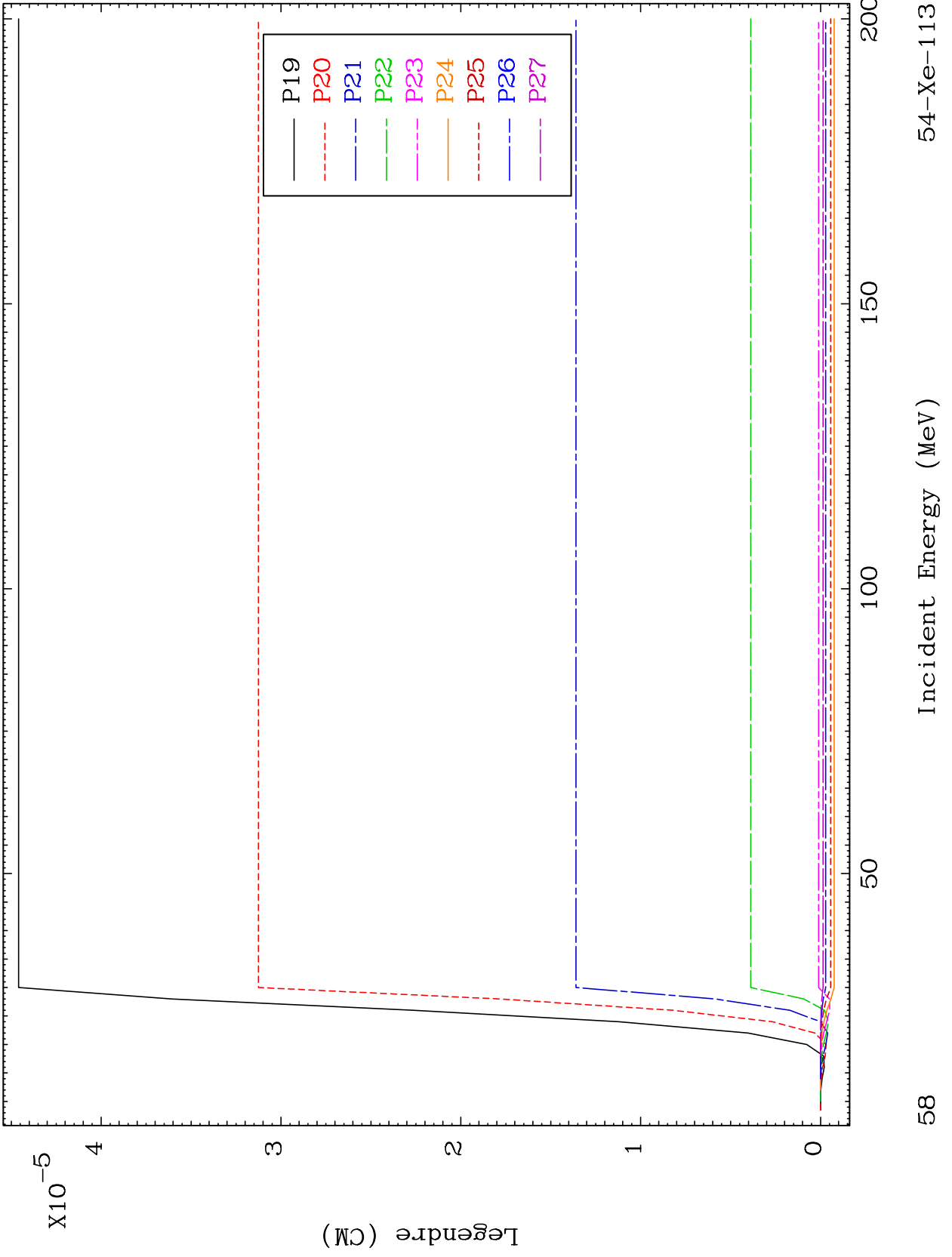
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 60 (n,n') Level  
Legendre Coefficients

54-Xe-113



58

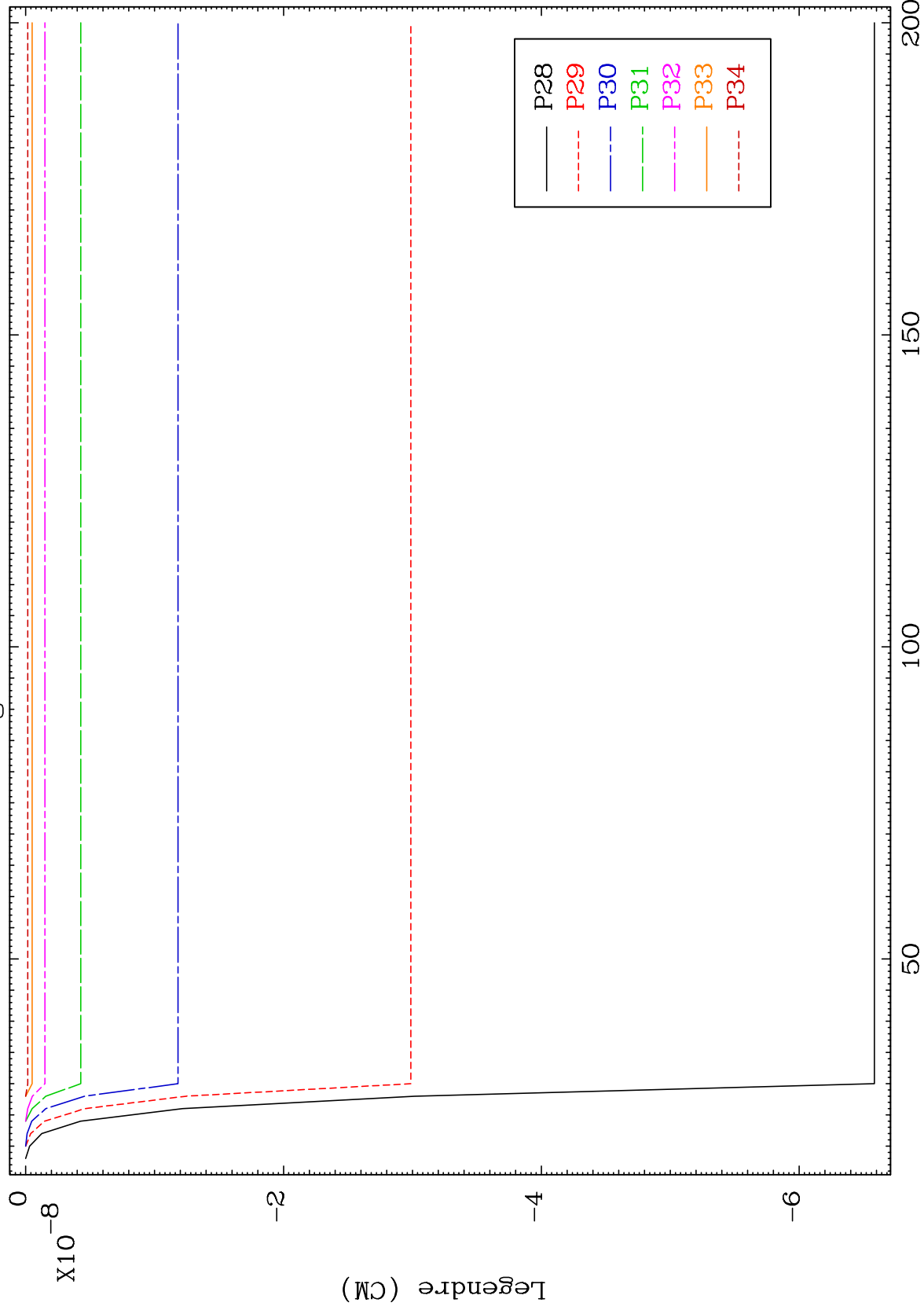
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 60 (n,n') Level  
Legendre Coefficients

54-Xe-113



59

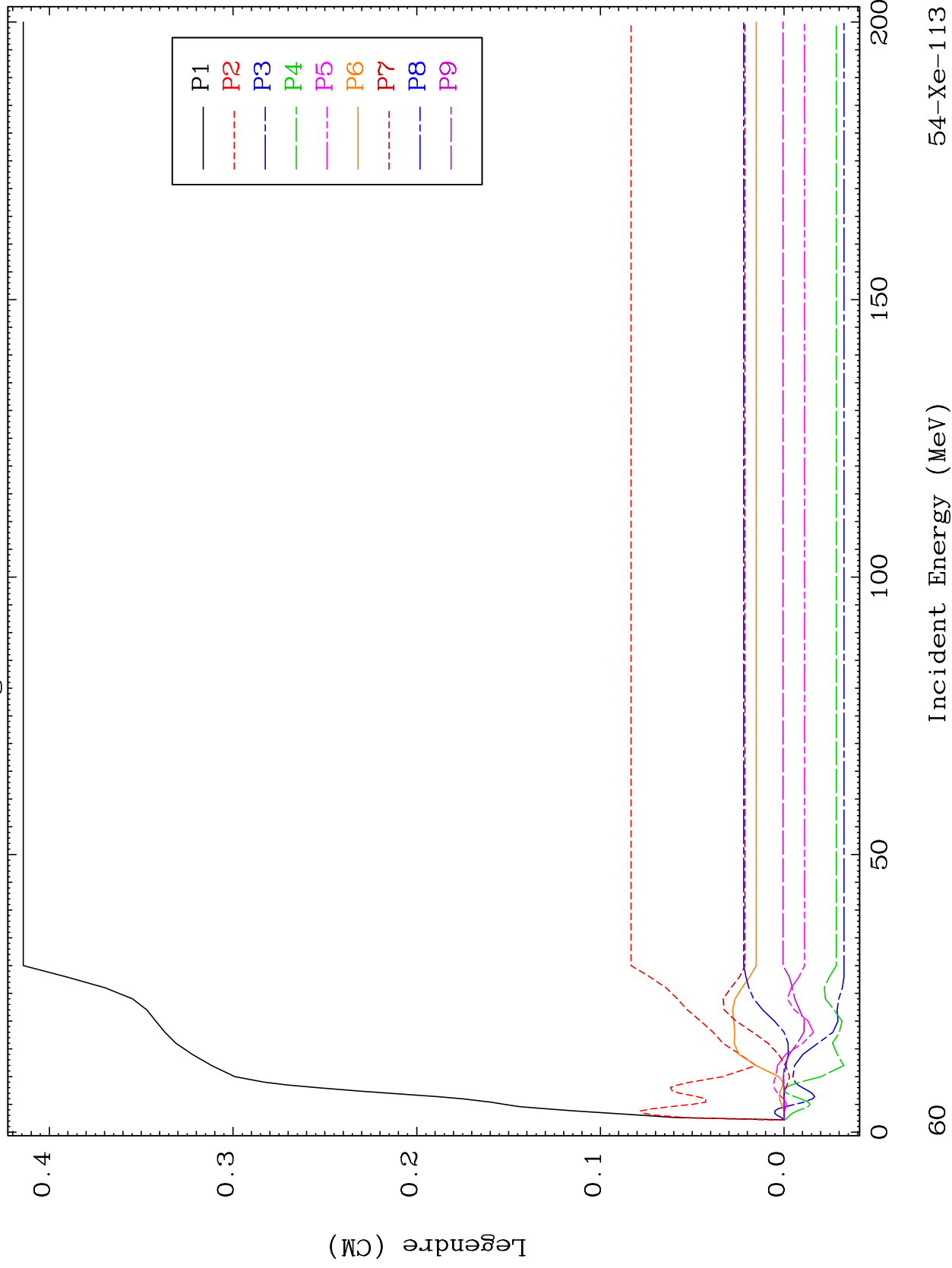
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 61 (n,n') Level  
Legendre Coefficients

54-Xe-113



54-Xe-113

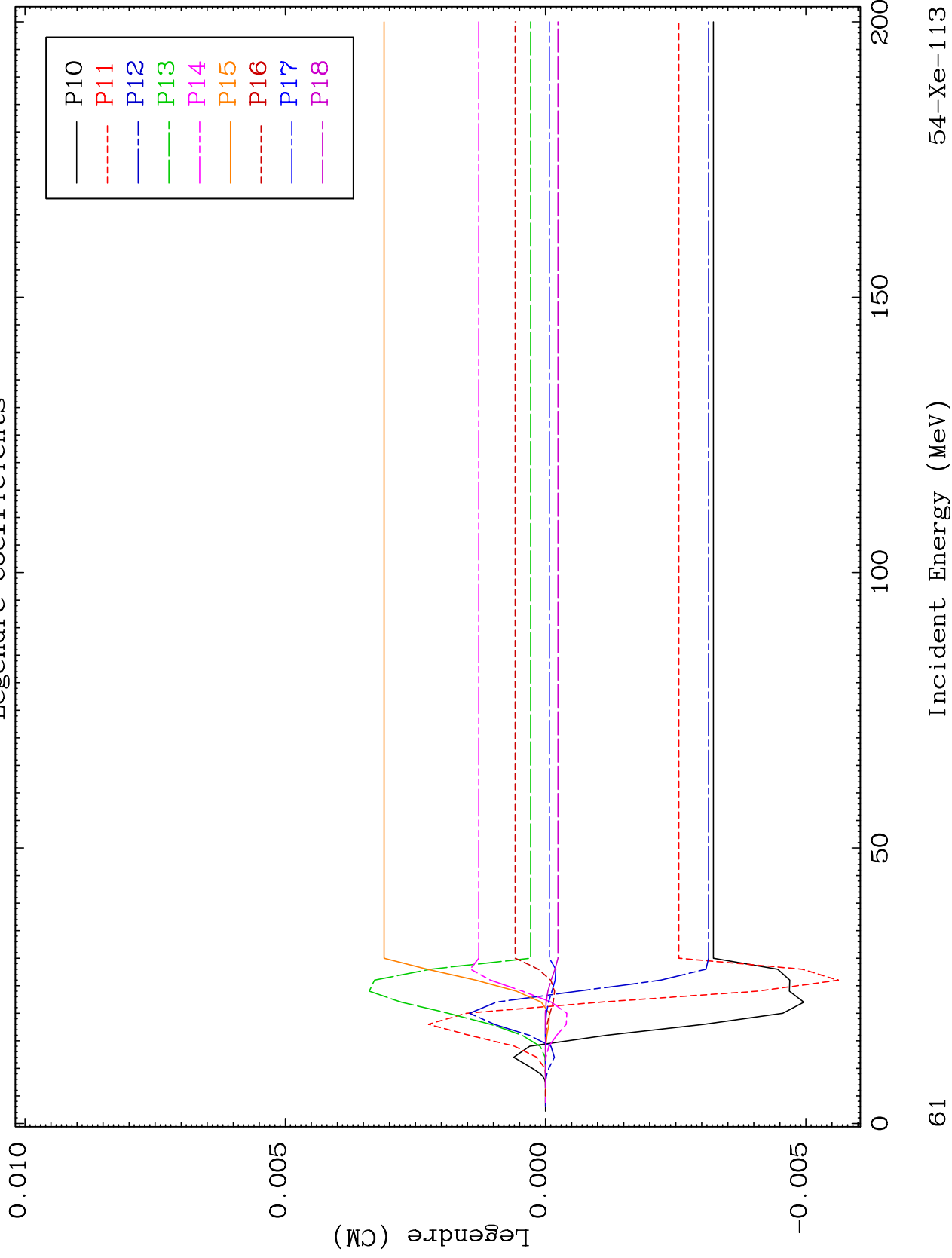
Incident Energy (MeV)

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MAT 5392

MT= 61 (n,n') Level  
Legendre Coefficients

54-Xe-113



61

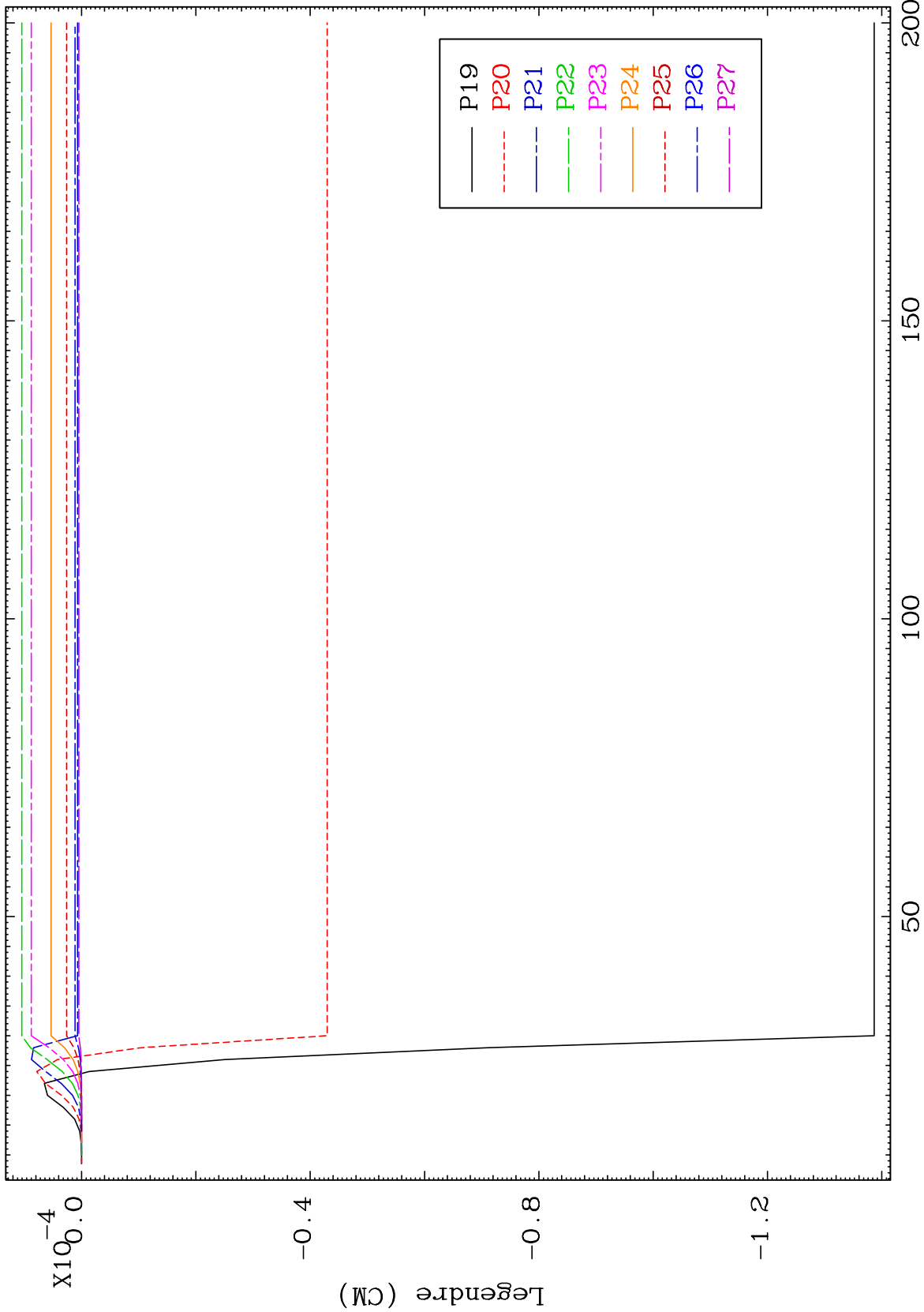
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 61 (n,n') Level  
Legendre Coefficients

54-Xe-113



62

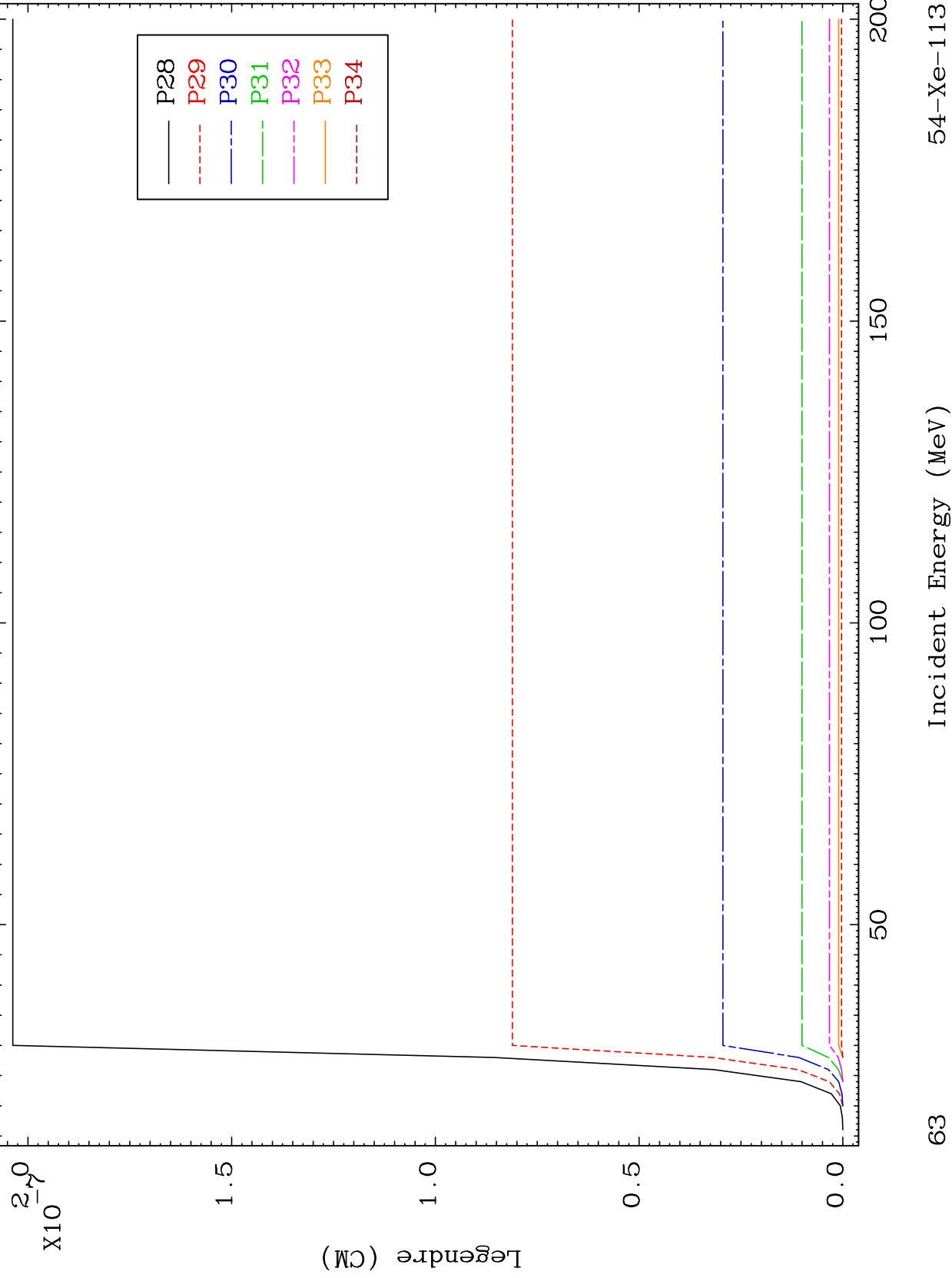
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 61 (n,n') Level  
Legendre Coefficients

54-Xe-113

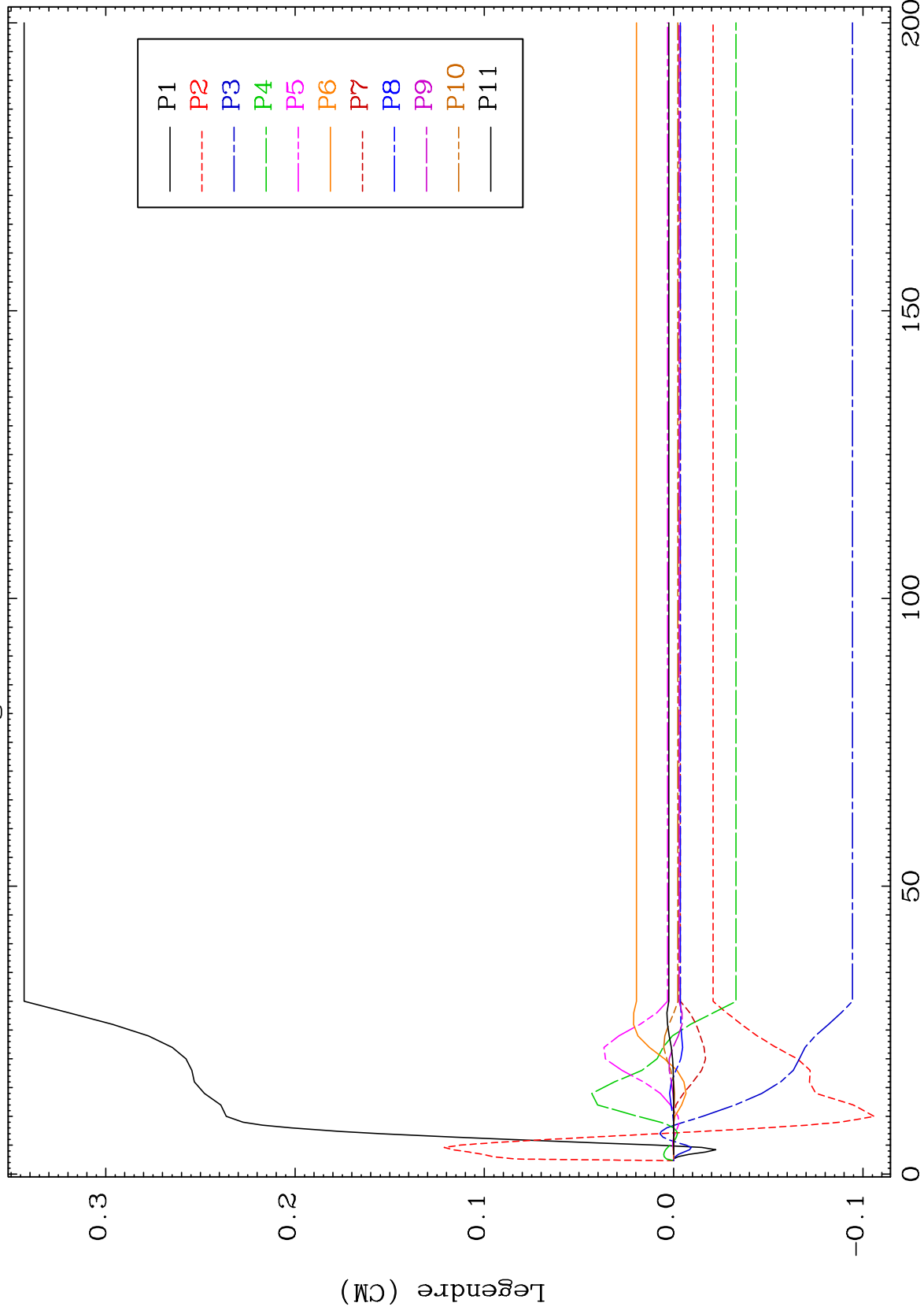




MAT 5392

MT= 62 (n,n') Level  
Legendre Coefficients

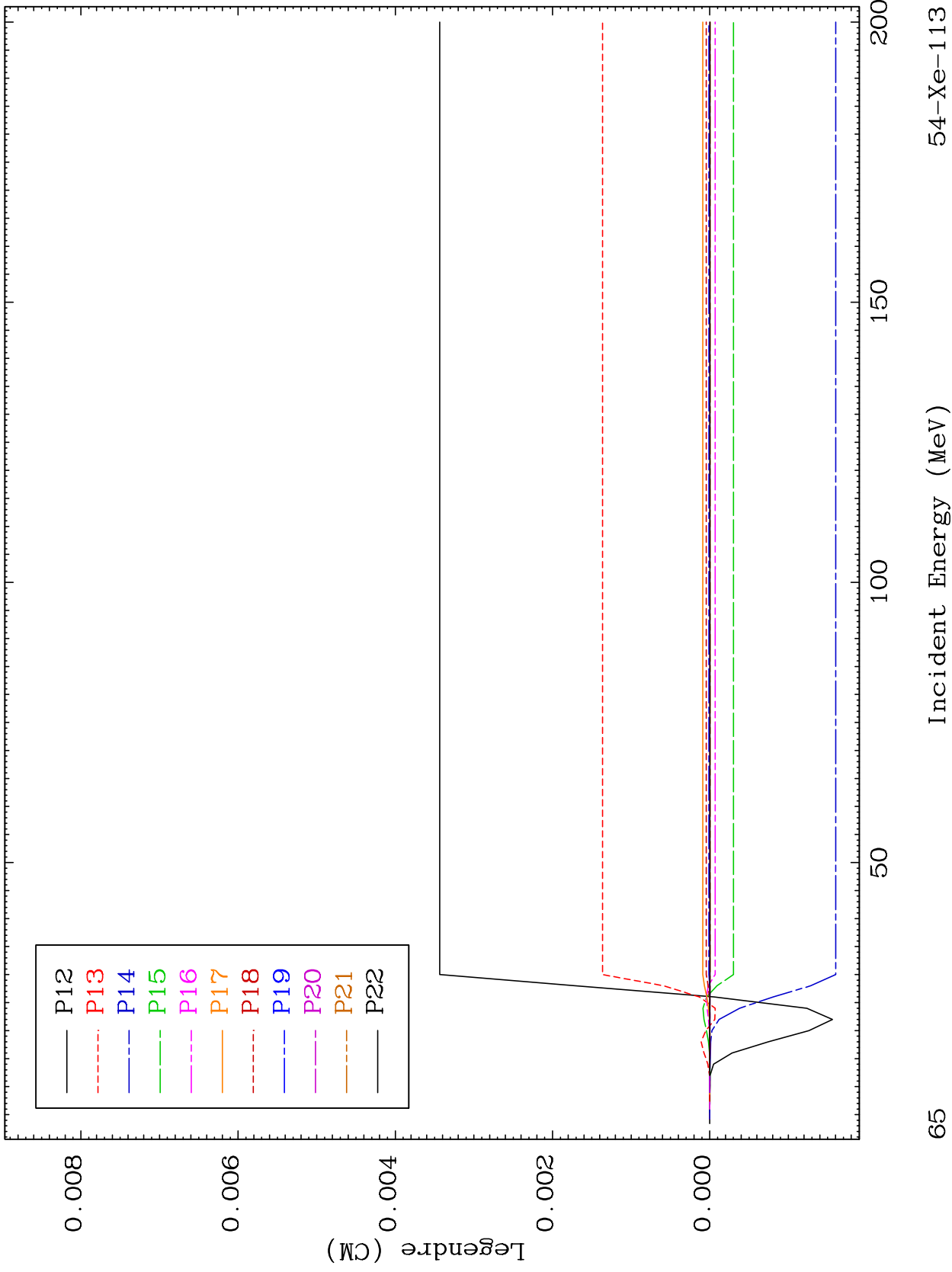
54-Xe-113



54-Xe-113

Incident Energy (MeV)

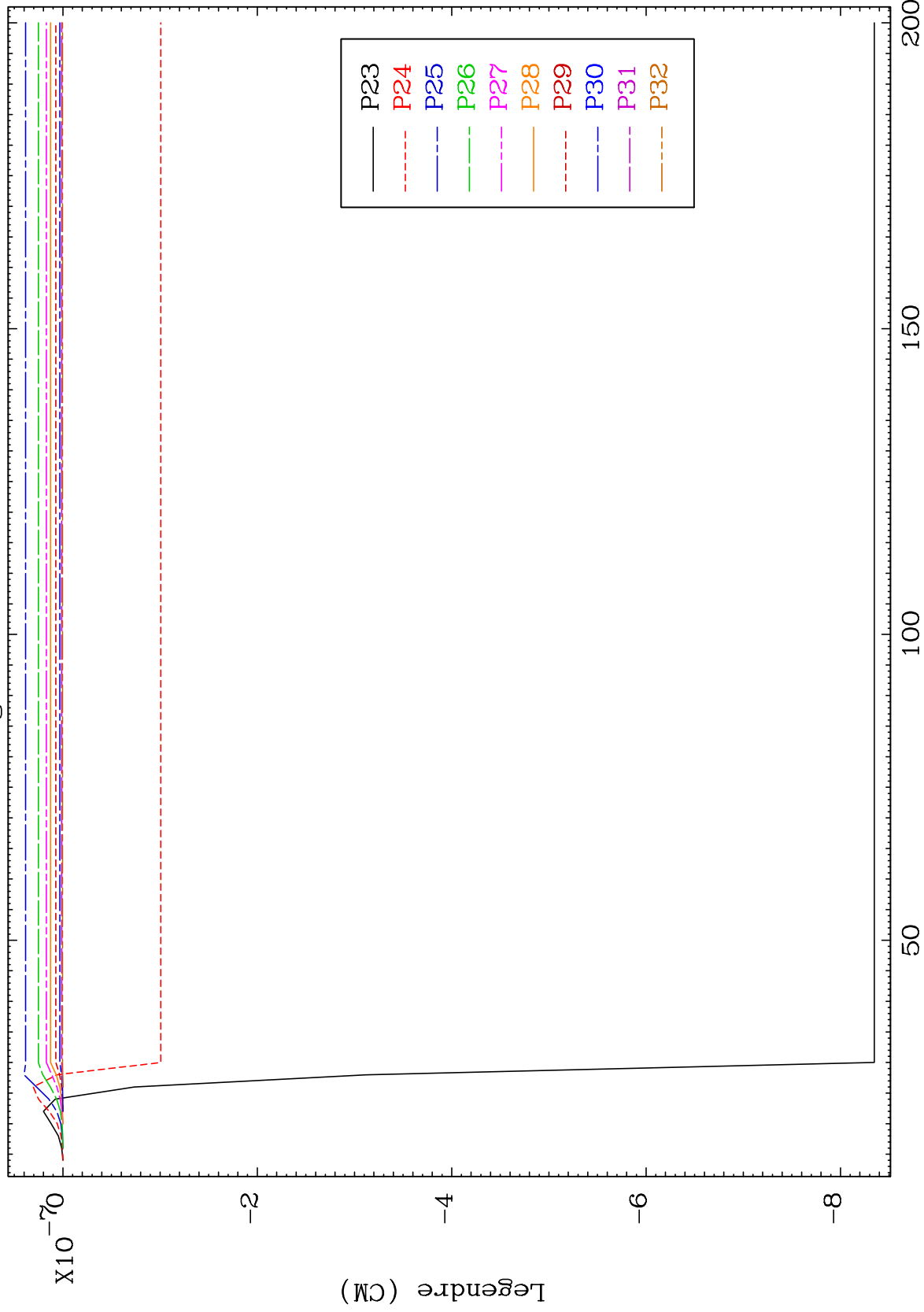
64



MAT 5392

MT= 62 (n,n') Level  
Legendre Coefficients

54-Xe-113



66

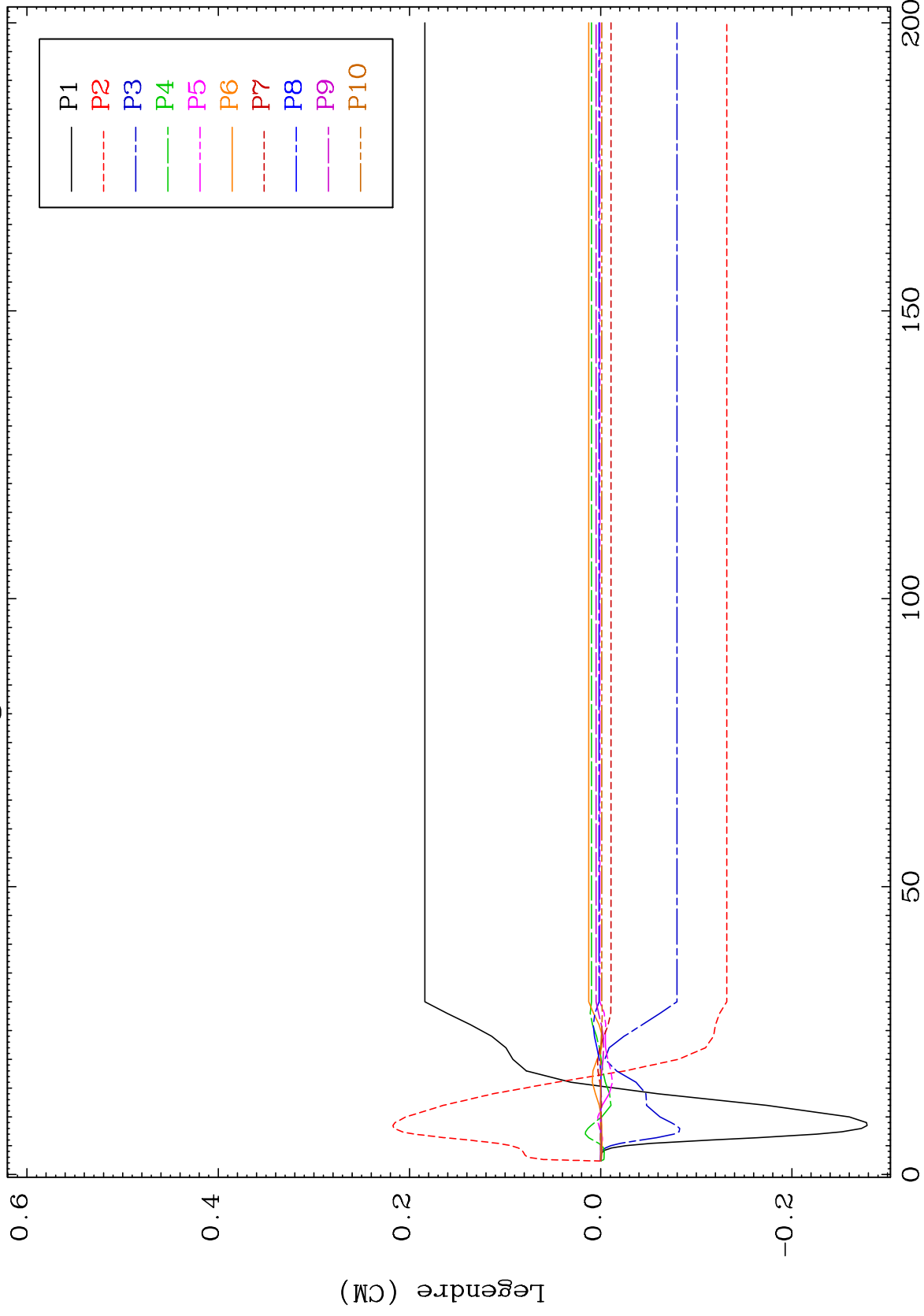
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 63 (n,n') Level  
Legendre Coefficients

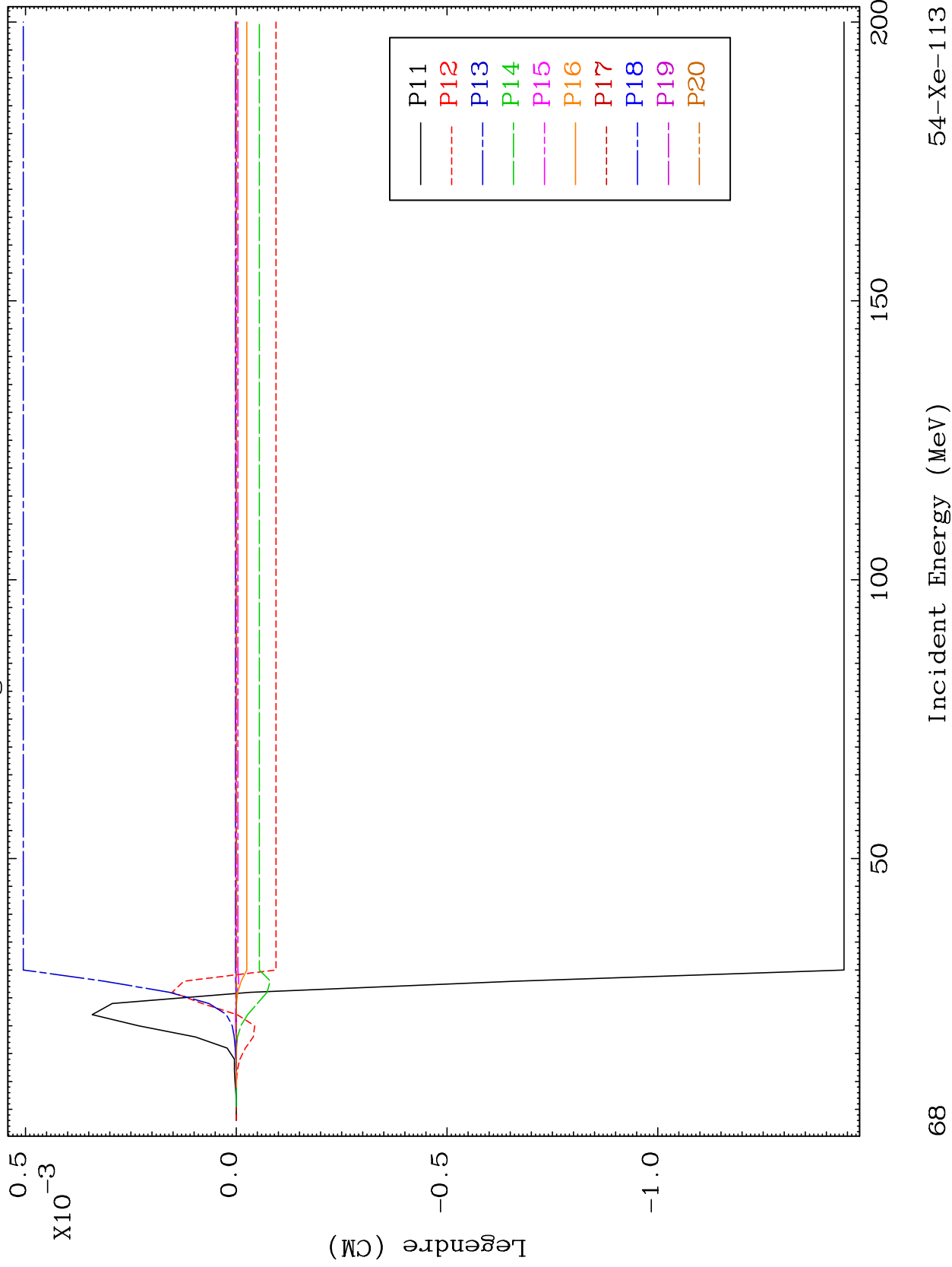
54-Xe-113



67

Incident Energy (MeV)

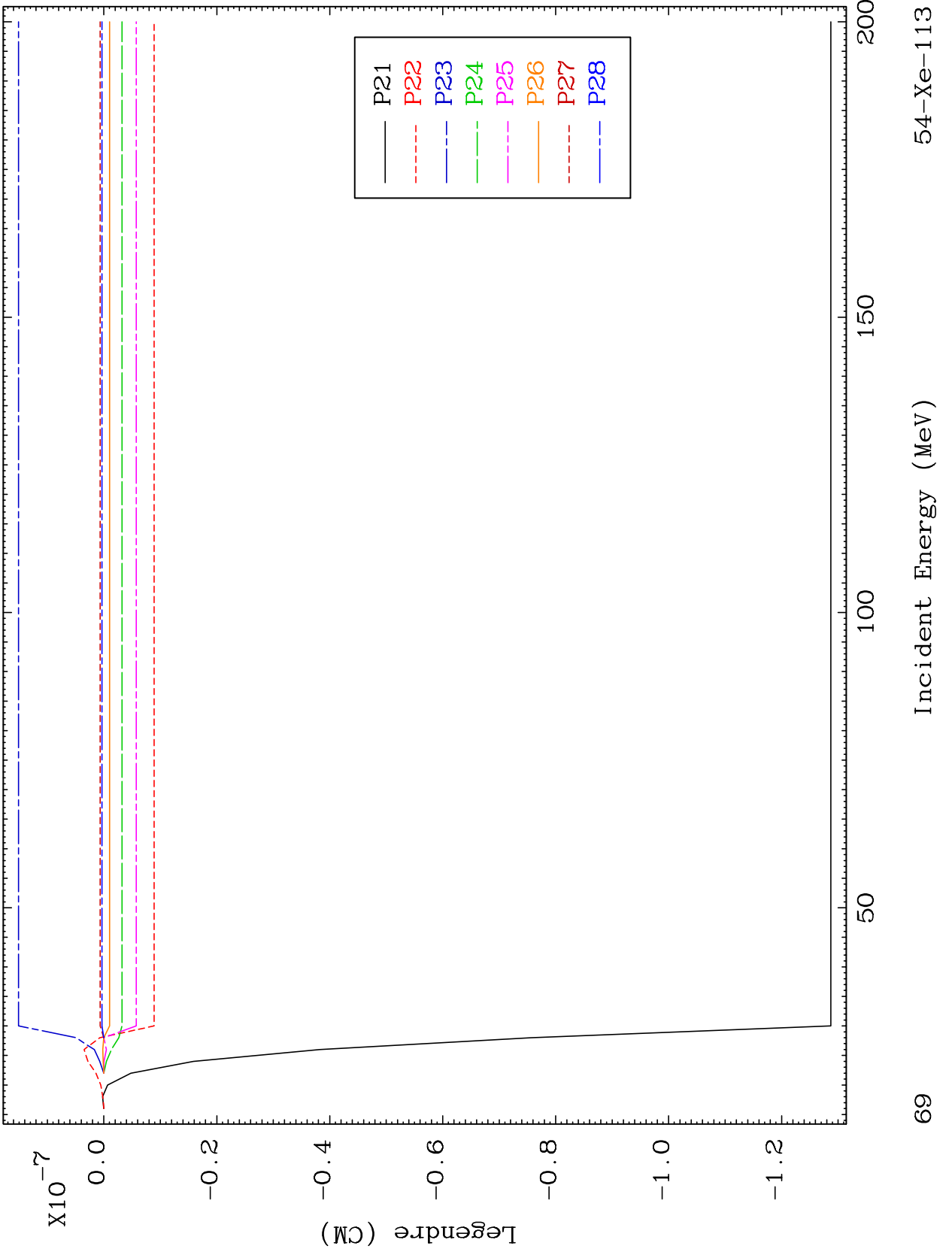
54-Xe-113



MAT 5392

MT= 63 (n,n') Level  
Legendre Coefficients

54-Xe-113



69

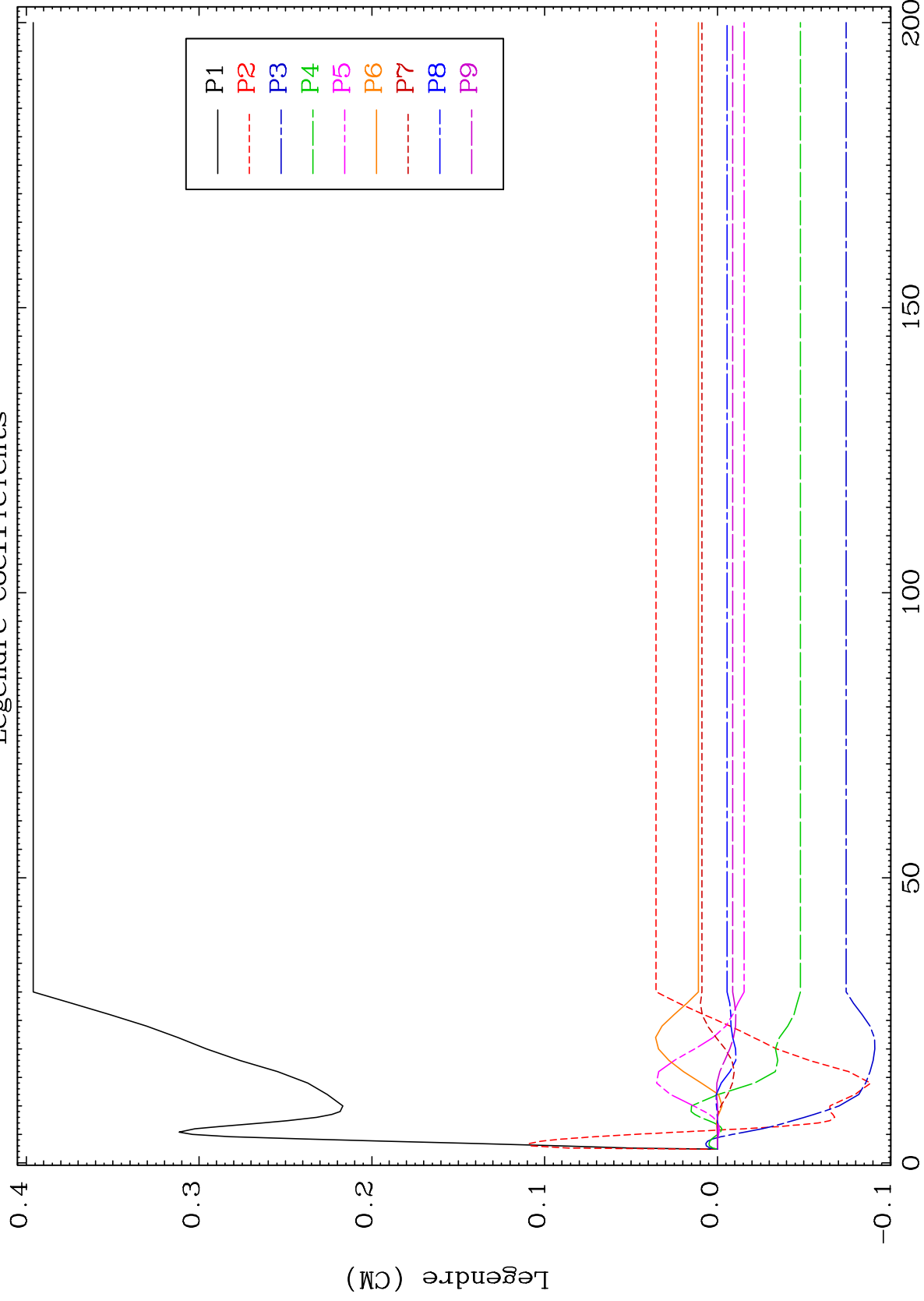
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 64 (n,n') Level  
Legendre Coefficients

54-Xe-113



54-Xe-113

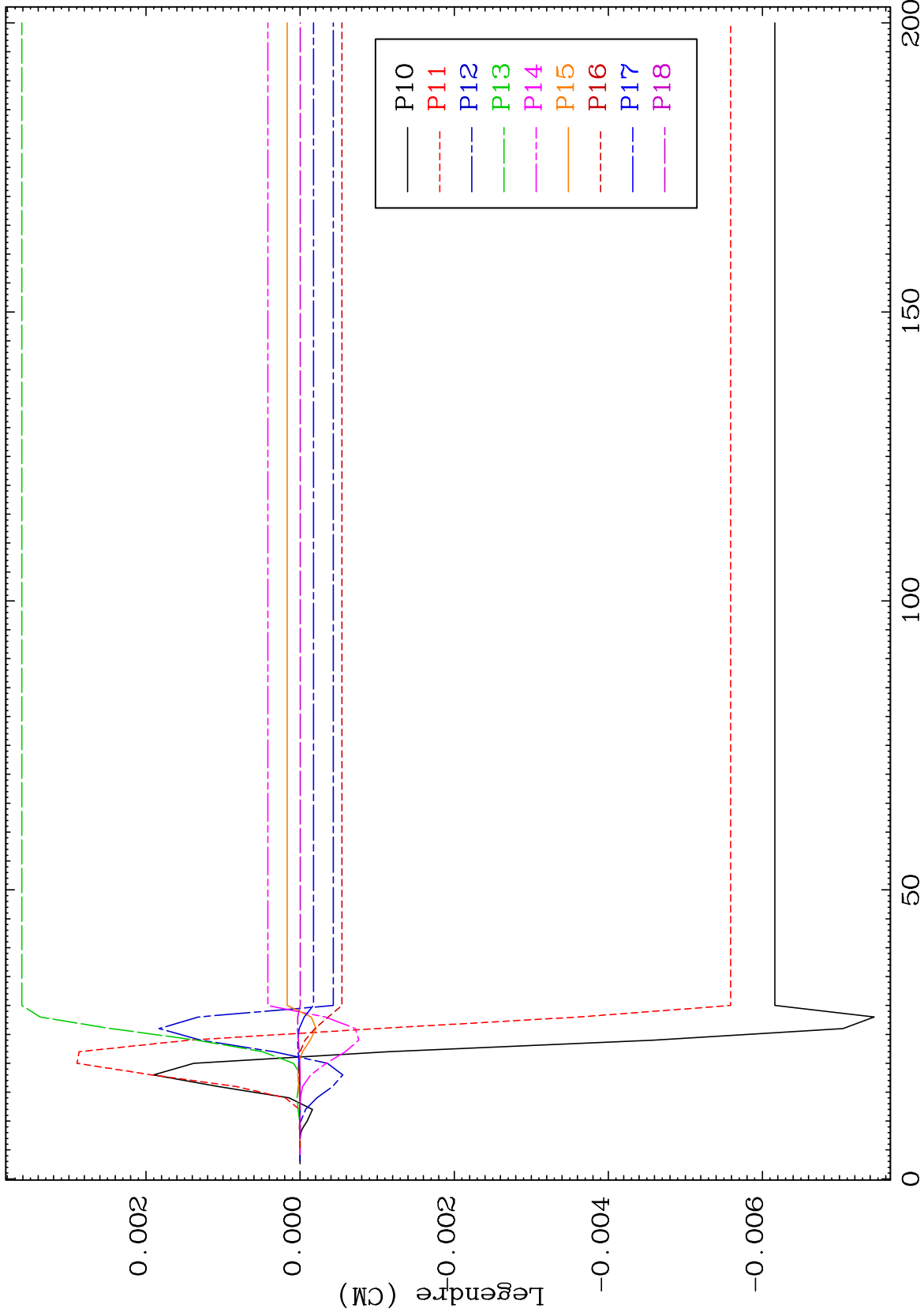
Incident Energy (MeV)

70

MAT 5392

MT= 64 (n,n') Level  
Legendre Coefficients

54-Xe-113



71

Incident Energy (MeV)

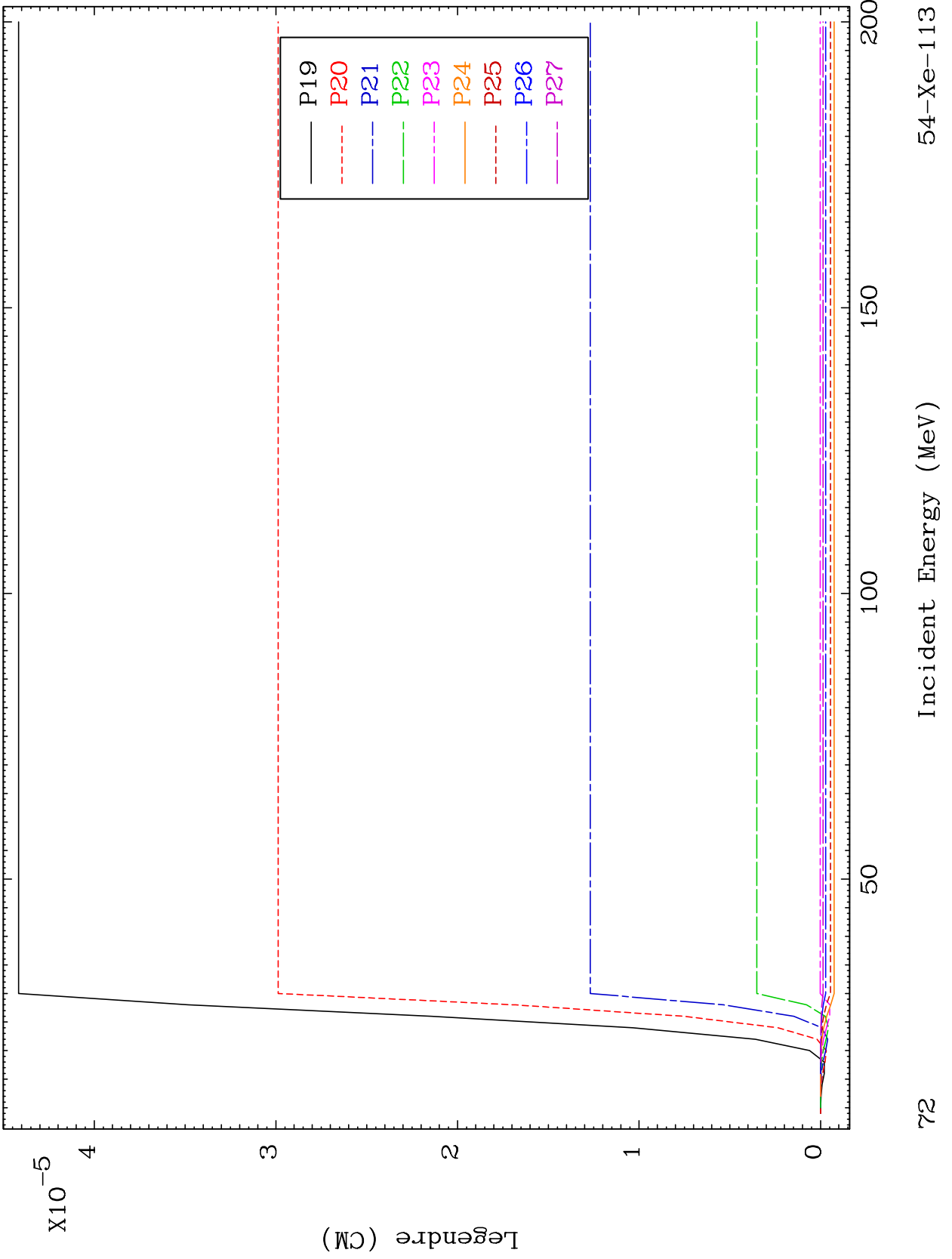
54-Xe-113



MAT 5392

MT= 64 (n,n') Level  
Legendre Coefficients

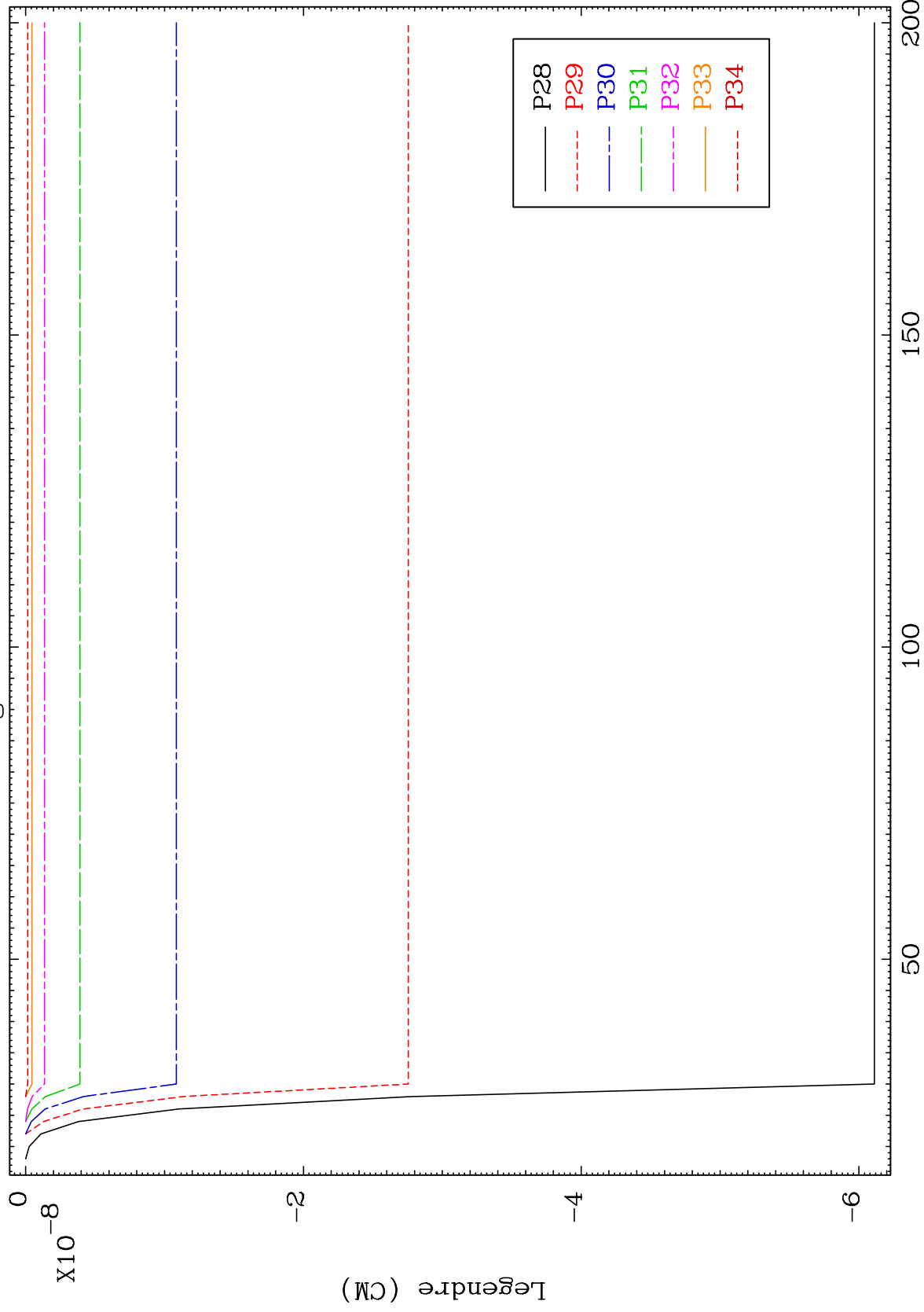
54-Xe-113



MAT 5392

MT= 64 (n,n') Level  
Legendre Coefficients

54-Xe-113



73

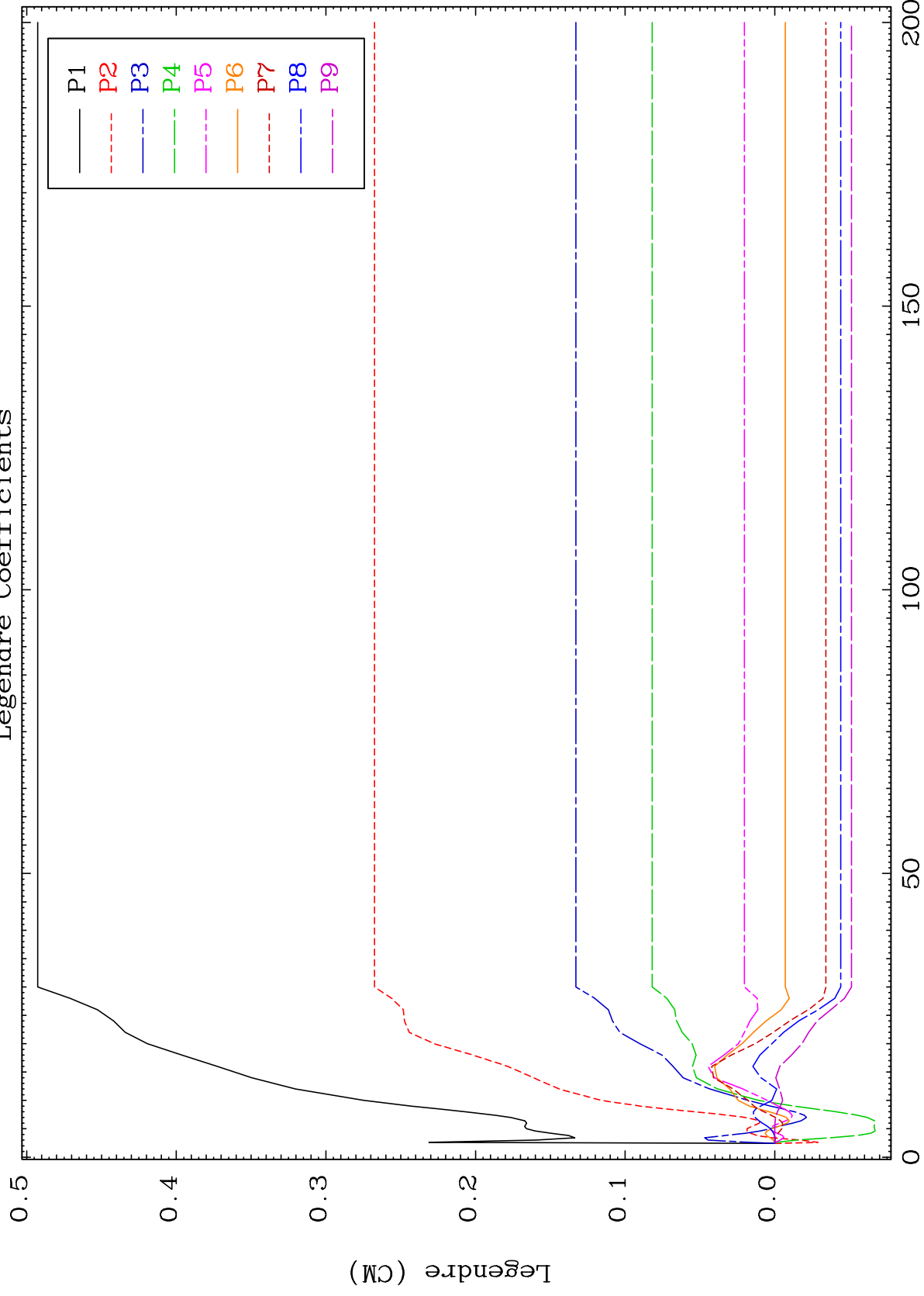
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 65 (n,n') Level  
Legendre Coefficients

54-Xe-113



74

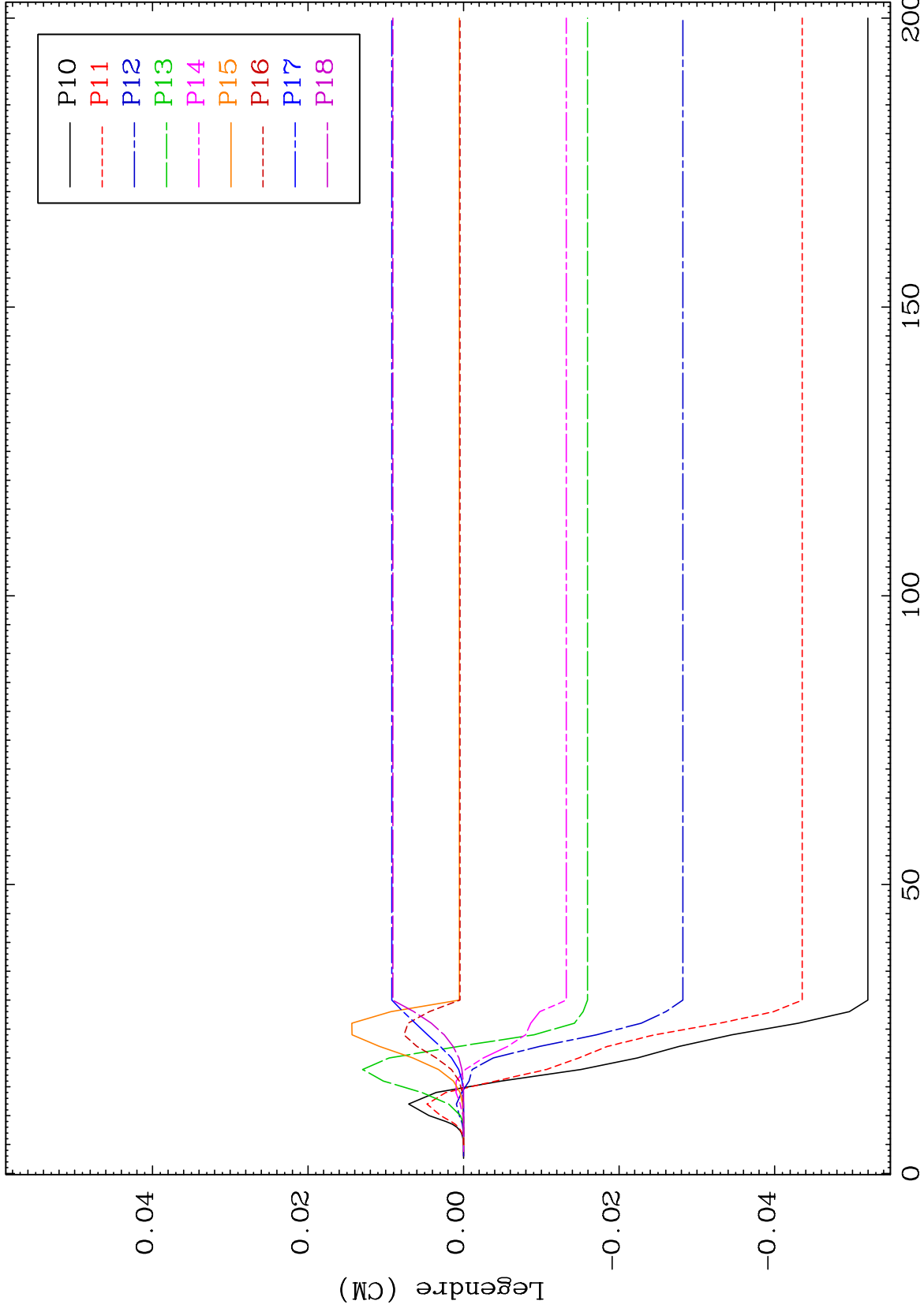
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 65 (n,n') Level  
Legendre Coefficients

54-Xe-113



75

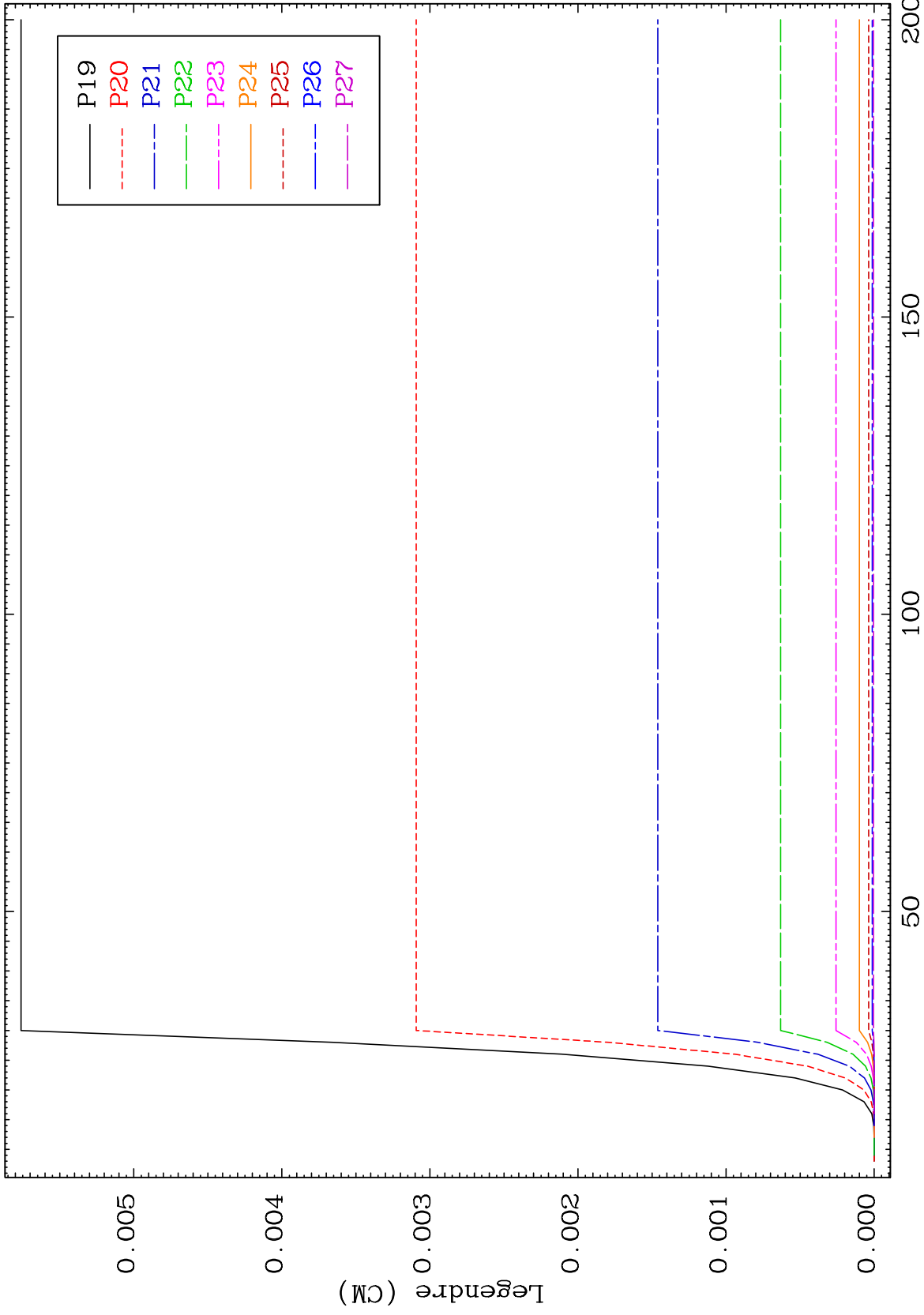
Incident Energy (MeV)

54-Xe-113

MAT 5392

MT= 65 (n,n') Level  
Legendre Coefficients

54-Xe-113



76

Incident Energy (MeV)

54-Xe-113

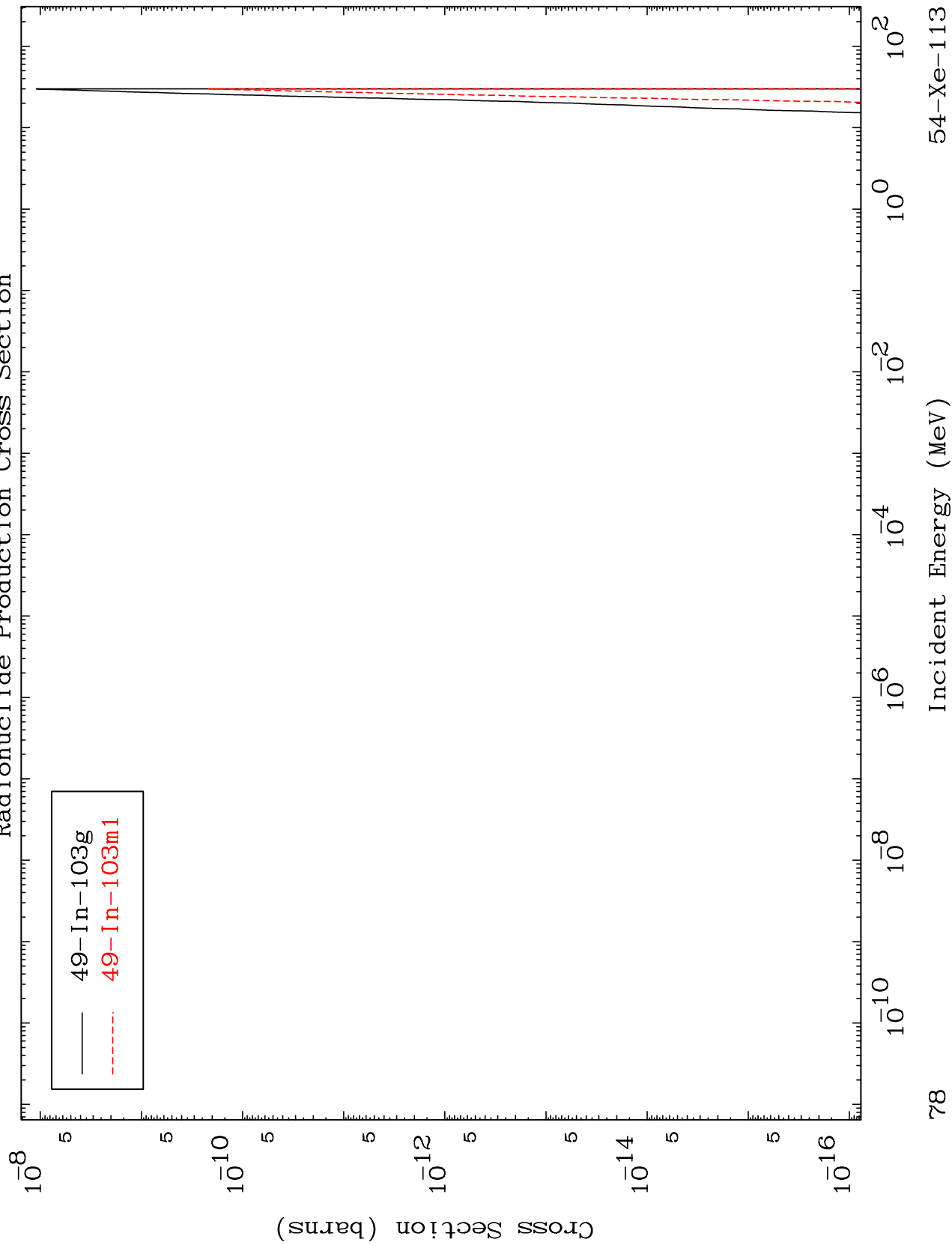


MAT 5392

(n,t) 2 $\alpha$

54-Xe-113

Radionuclide Production Cross Section



78

Incident Energy (MeV)

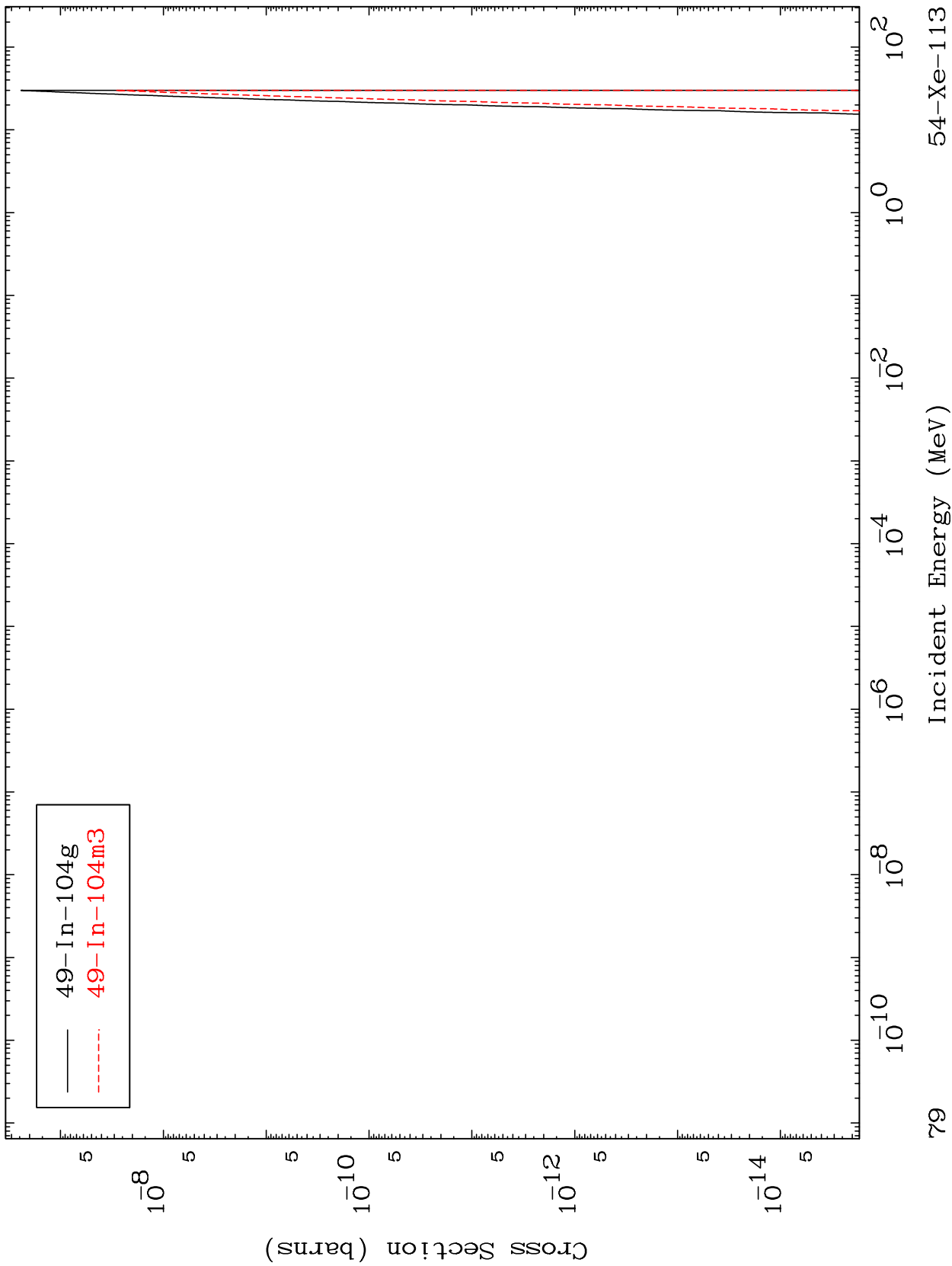
54-Xe-113

MAT 5392

(n,d) 2 $\alpha$

54-Xe-113

Radionuclide Production Cross Section



79

54-Xe-113